

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR082118\
Quantitation Report (QT Reviewed)

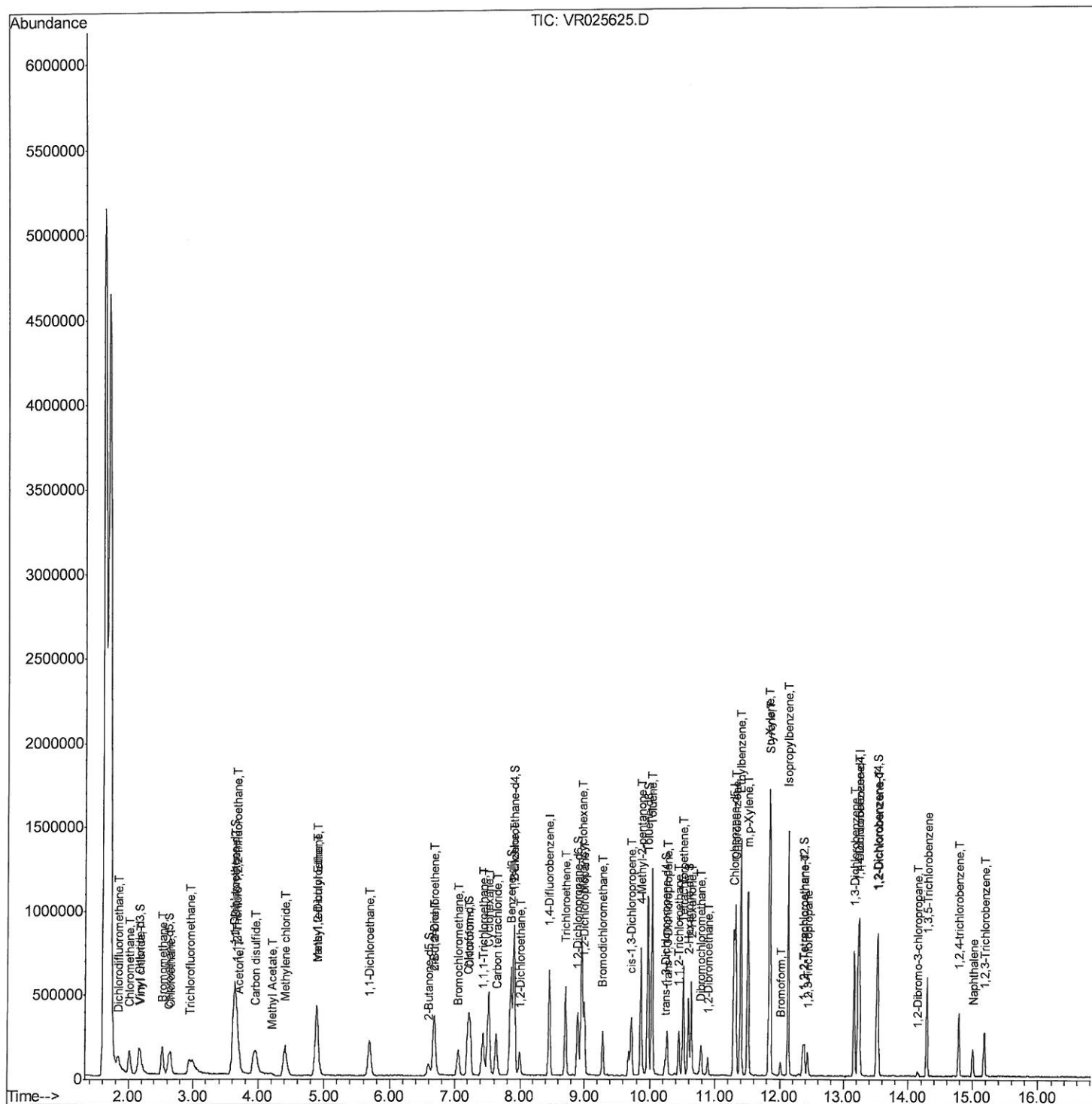
Data File : VR025625.D
Acq On : 21 Aug 2018 13:09
Operator : SY/MD
Sample : VSTD00583
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
VSTD00583

Manual Integrations
APPROVED

MMDadoda
8/22/2018 10:49:52 AM

Quant Time: Aug 21 16:32:54 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR082118WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Aug 21 11:03:04 2018
Response via : Initial Calibration



Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR082118\
Quantitation Report (Qedit)

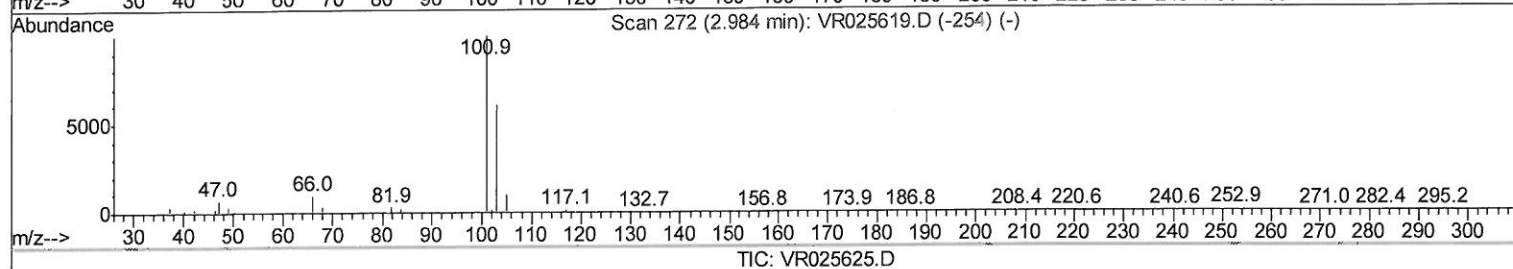
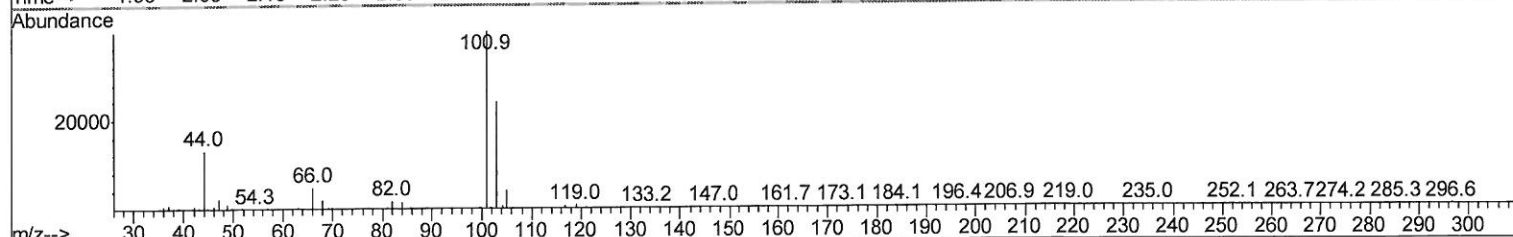
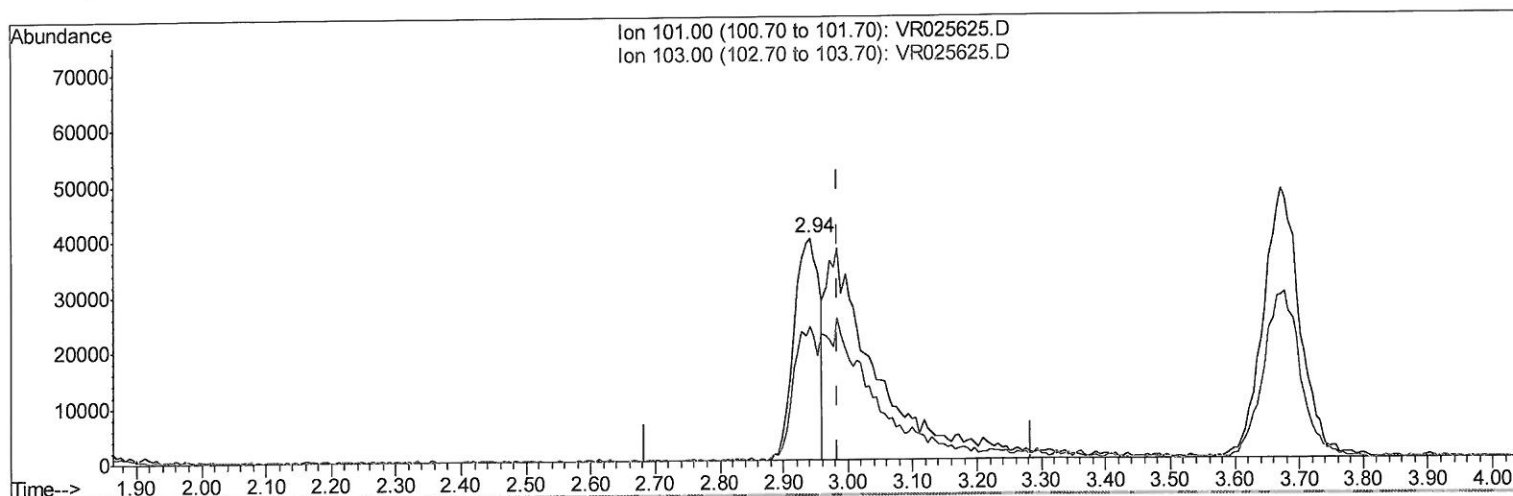
Data File : VR025625.D
Acq On : 21 Aug 2018 13:09
Operator : SY/MD
Sample : VSTD00583
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
VSTD00583

Manual Integrations
APPROVED

MMDadoda
8/22/2018 10:49:52 AM

Quant Time: Aug 21 16:27:20 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR082118WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Aug 21 11:03:04 2018
Response via : Initial Calibration



(9) Trichlorofluoromethane (T)

2.941min (-0.043) 1.84ug/L

response 109376

Ion	Exp%	Act%
101.00	100	100
103.00	65.30	55.43
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR082118\
Quantitation Report (Qedit)

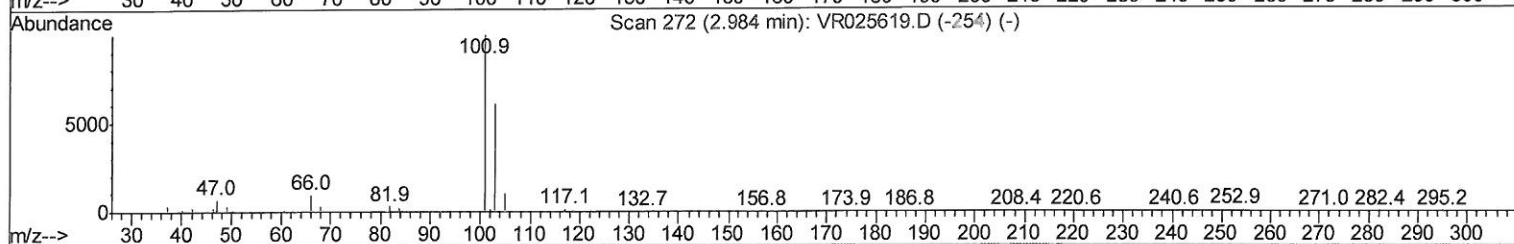
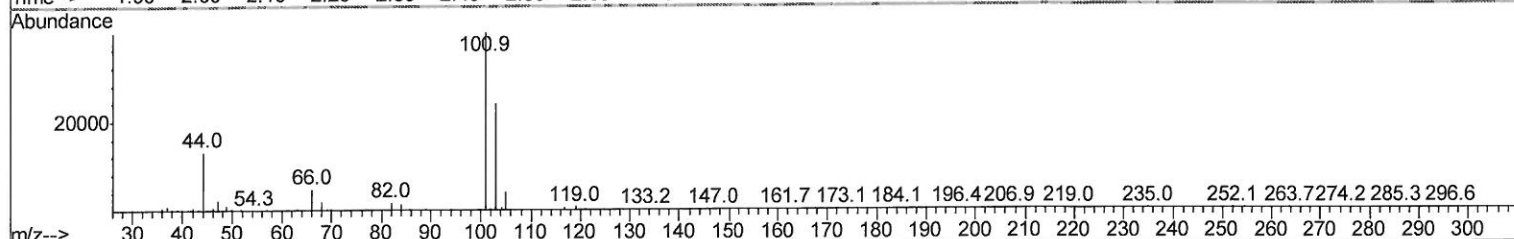
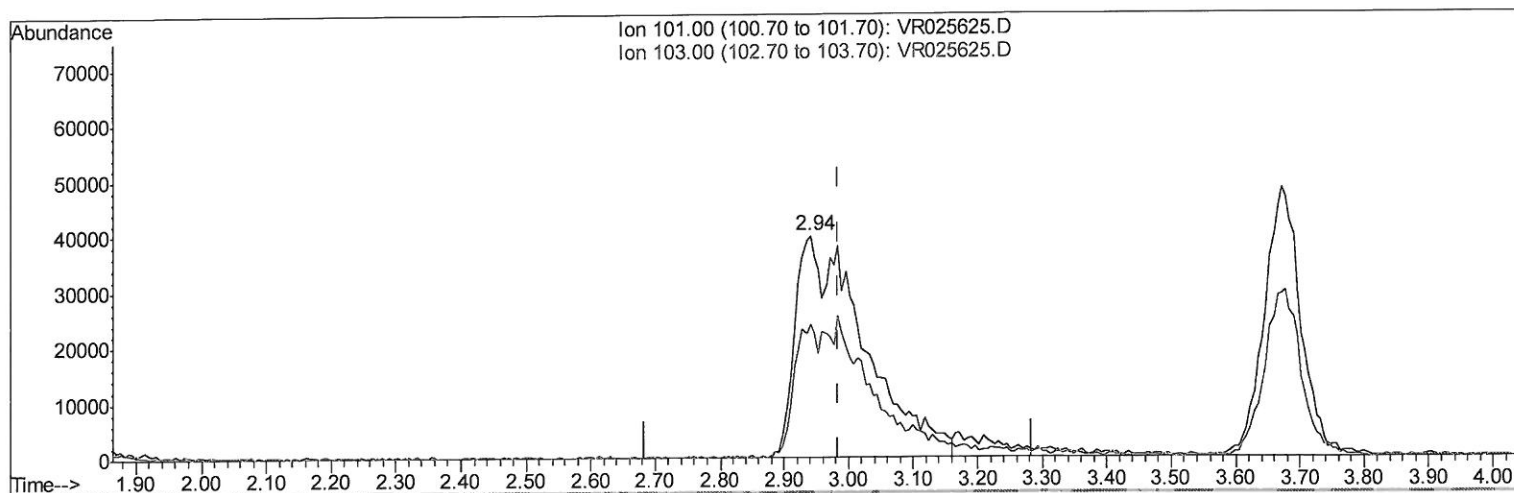
Data File : VR025625.D
Acq On : 21 Aug 2018 13:09
Operator : SY/MD
Sample : VSTD00583
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
VSTD00583

Manual Integrations
APPROVED

MMDadoda
8/22/2018 10:49:52 AM

Quant Time: Aug 21 16:27:20 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR082118WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Aug 21 11:03:04 2018
Response via : Initial Calibration



TIC: VR025625.D

(9) Trichlorofluoromethane (T)

2.941min (-0.043) 4.96ug/L m

response 295332

Ion	Exp%	Act%
101.00	100	100
103.00	65.30	20.53#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR082118\
Quantitation Report (QT Reviewed)

Data File : VR025625.D
Acq On : 21 Aug 2018 13:09
Operator : SY/MD
Sample : VSTD00583
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
VSTD00583

Manual Integrations
APPROVED

MMDadoda
8/22/2018 10:49:52 AM

Quant Time: Aug 21 16:32:54 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR082118WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Aug 21 11:03:04 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	517113	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	436033	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	181241	5.00	ug/L	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) Vinyl Chloride-d3	2.16	65	167362	4.72	ug/L	0.01
7) Chloroethane-d5	2.62	69	146900	5.77	ug/L	-0.02
11) 1,1-Dichloroethene-d2	3.62	63	423198	5.06	ug/L	-0.02
20) 2-Butanone-d5	6.59	46	133067	39.51	ug/L	-0.01
24) Chloroform-d	7.20	84	296260	4.77	ug/L	0.00
26) 1,2-Dichloroethane-d4	7.89	65	99008	4.30	ug/L	0.00
32) Benzene-d6	7.86	84	740456	6.26	ug/L	0.00
36) 1,2-Dichloropropane-d6	8.90	67	183384	5.57	ug/L	0.00
41) Toluene-d8	9.97	98	677089	5.83	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.24	79	43613	5.51	ug/L	0.00
46) 2-Hexanone-d5	10.59	63	155696	52.61	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	12.36	84	83880	4.94	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	13.51	152	145562	4.75	ug/L	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	143963	4.764	ug/L	100
3) Chloromethane	2.01	50	216256	4.754	ug/L	94
5) Vinyl chloride	2.17	62	211491	5.162	ug/L	97
6) Bromomethane	2.52	94	141049	7.129	ug/L	95
8) Chloroethane	2.65	64	130065	6.011	ug/L	89
9) Trichlorofluoromethane	2.94	101	295332m	4.960	ug/L	93
10) 1,1,2-Trichloro-1,2,2-trif	3.67	101	188527	4.896	ug/L	93
12) 1,1-Dichloroethene	3.63	96	193113	4.535	ug/L	82
13) Acetone	3.70	43	87891	25.476	ug/L	92
14) Carbon disulfide	3.96	76	545148	6.206	ug/L	97
15) Methyl Acetate	4.21	43	30665	3.379	ug/L	100
16) Methylene chloride	4.41	84	174486	4.425	ug/L	96
17) Methyl tert-butyl Ether	4.89	73	218359	4.879	ug/L	97
18) trans-1,2-Dichloroethene	4.89	96	216917	5.400	ug/L	92
19) 1,1-Dichloroethane	5.69	63	325631	5.697	ug/L	95
21) 2-Butanone	6.69	43	165475	39.451	ug/L	100
22) cis-1,2-Dichloroethene	6.68	96	196781	5.443	ug/L #	98
23) Bromochloromethane	7.05	128	59217	4.313	ug/L #	79
25) Chloroform	7.23	83	288662	4.821	ug/L	98
27) 1,2-Dichloroethane	8.00	62	114914	4.751	ug/L #	93
29) 1,1,1-Trichloroethane	7.44	97	209874	5.674	ug/L	95
30) Cyclohexane	7.52	56	299599	8.219	ug/L	97
31) Carbon tetrachloride	7.64	117	186908	4.808	ug/L	99
33) Benzene	7.91	78	819017	6.020	ug/L	100
34) Trichloroethene	8.71	95	183329	5.680	ug/L	95
35) Methylcyclohexane	8.96	83	335222	7.652	ug/L	98
37) 1,2-Dichloropropane	8.99	63	173903	5.592	ug/L #	96
38) Bromodichloromethane	9.28	83	156915	5.070	ug/L	96
39) cis-1,3-Dichloropropene	9.72	75	192313	6.275	ug/L	99
40) 4-Methyl-2-pentanone	9.86	43	476317	50.958	ug/L	99

8/22/18 84

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR082118\
Quantitation Report (QT Reviewed)

Data File : VR025625.D
Acq On : 21 Aug 2018 13:09
Operator : SY/MD
Sample : VSTD00583
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
VSTD00583

Manual Integrations
APPROVED

MMDadoda
8/22/2018 10:49:52 AM

Quant Time: Aug 21 16:32:54 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR082118WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Aug 21 11:03:04 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	10.03	91	826131	5.633	ug/L	98
44) trans-1,3-Dichloropropene	10.27	75	131371	5.776	ug/L	95
45) 1,1,2-Trichloroethane	10.44	97	80171	4.870	ug/L	96
47) Tetrachloroethene	10.52	164	142124	4.985	ug/L	95
48) 2-Hexanone	10.64	43	324264	49.475	ug/L	97
49) Dibromochloromethane	10.78	129	89679	4.602	ug/L	94
50) 1,2-Dibromoethane	10.89	107	63759	4.537	ug/L	83
51) Chlorobenzene	11.31	112	485034	5.185	ug/L	99
52) Ethylbenzene	11.39	91	888150	6.005	ug/L	96
53) m,p-Xylene	11.51	106	354315	6.052	ug/L	98
54) o-Xylene	11.83	106	323293	5.925	ug/L	97
55) Styrene	11.85	104	525067	5.835	ug/L	99
56) Isopropylbenzene	12.13	105	844379	6.430	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.38	83	82953	5.010	ug/L #	97
59) 1,2,3-Trichloropropane	12.44	75	55340	5.362	ug/L	89
61) Bromoform	12.01	173	33256	3.941	ug/L #	99
62) 1,3-Dichlorobenzene	13.16	146	272552	5.216	ug/L	97
63) 1,4-Dichlorobenzene	13.24	146	299644	4.749	ug/L	94
65) 1,2-Dichlorobenzene	13.53	146	238544	4.791	ug/L	96
66) 1,2-Dibromo-3-chloropropan	14.15	75	6310	4.232	ug/L	94
67) 1,3,5-Trichlorobenzene	14.29	180	163098	4.636	ug/L	99
68) 1,2,4-trichlorobenzene	14.79	180	99317	4.582	ug/L	98
69) Naphthalene	15.00	128	120173	4.735	ug/L	98
70) 1,2,3-Trichlorobenzene	15.18	180	78517	4.265	ug/L	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed