

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR080918\
 Data File : VR025615.D
 Acq On : 9 Aug 2018 20:30
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD00597

Manual Integrations
 APPROVED

MMDadoda
 8/10/2018 4:11:14 PM

Quant Time: Aug 10 07:26:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR073018WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Aug 09 04:27:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.47	114	542408	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	489155	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	215334	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	145622	4.33	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.60%
7) Chloroethane-d5	2.64	69	97554	3.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.60%
11) 1,1-Dichloroethene-d2	3.64	63	356907	4.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.00%
20) 2-Butanone-d5	6.60	46	193807	69.77	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	139.54%#
24) Chloroform-d	7.21	84	289975	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.80%
26) 1,2-Dichloroethane-d4	7.90	65	111564	5.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.80%
32) Benzene-d6	7.86	84	630021	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
36) 1,2-Dichloropropane-d6	8.90	67	172221	5.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.00%
41) Toluene-d8	9.97	98	601175	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
43) trans-1,3-Dichloropropene-	10.24	79	42985	4.88	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.60%
46) 2-Hexanone-d5	10.59	63	200284	71.15	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	142.30%#
57) 1,1,2,2-Tetrachloroethane-	12.36	84	93216	5.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	119.60%
64) 1,2-Dichlorobenzene-d4	13.51	152	162052	4.93	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.60%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.83	85	156038	5.03	ug/L	94
3) Chloromethane	2.01	50	227121	5.54	ug/L	98
5) Vinyl chloride	2.16	62	203031	4.95	ug/L	94
6) Bromomethane	2.53	94	62252	2.76	ug/L	88
8) Chloroethane	2.67	64	87242	3.83	ug/L	97
9) Trichlorofluoromethane	2.97	101	331491m	5.92	ug/L	
10) 1,1,2-Trichloro-1,2,2-trif	3.68	101	184962	5.11	ug/L	96
12) 1,1-Dichloroethene	3.66	96	202930	5.24	ug/L	91
13) Acetone	3.70	43	174679	74.81	ug/L	99
14) Carbon disulfide	3.97	76	402860	4.49	ug/L	98
15) Methyl Acetate	4.20	43	41492	5.63	ug/L	97
16) Methylene chloride	4.41	84	181169m	5.54	ug/L	
17) Methyl tert-butyl Ether	4.90	73	214235	5.51	ug/L	99
18) trans-1,2-Dichloroethene	4.89	96	191615	5.16	ug/L	94
19) 1,1-Dichloroethane	5.70	63	283825	5.23	ug/L	95
21) 2-Butanone	6.69	43	236305	72.84	ug/L	98
22) cis-1,2-Dichloroethene	6.68	96	198589	5.86	ug/L #	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR080918\
 Data File : VR025615.D
 Acq On : 9 Aug 2018 20:30
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD00597

Manual Integrations
 APPROVED

MMDadoda
 8/10/2018 4:11:14 PM

Quant Time: Aug 10 07:26:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR073018WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Aug 09 04:27:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.05	128	66989	5.96	ug/L	90
25) Chloroform	7.23	83	296826	5.52	ug/L	96
27) 1,2-Dichloroethane	8.00	62	132125m	6.17	ug/L	
29) 1,1,1-Trichloroethane	7.43	97	202250	4.67	ug/L	97
30) Cyclohexane	7.52	56	236227	4.73	ug/L	98
31) Carbon tetrachloride	7.64	117	204765	4.58	ug/L	99
33) Benzene	7.91	78	791474	5.24	ug/L	100
34) Trichloroethene	8.71	95	178720	4.76	ug/L	90
35) Methylcyclohexane	8.96	83	292476	5.18	ug/L	98
37) 1,2-Dichloropropane	8.99	63	163432	5.14	ug/L	100
38) Bromodichloromethane	9.28	83	171795	5.29	ug/L	99
39) cis-1,3-Dichloropropene	9.72	75	190188	5.42	ug/L	98
40) 4-Methyl-2-pentanone	9.87	43	613410	68.43	ug/L	99
42) Toluene	10.03	91	883030	5.49	ug/L	98
44) trans-1,3-Dichloropropene	10.27	75	133766	5.46	ug/L	97
45) 1,1,2-Trichloroethane	10.44	97	90801	5.73	ug/L	96
47) Tetrachloroethene	10.52	164	169712	5.28	ug/L	92
48) 2-Hexanone	10.64	43	414186	68.52	ug/L	98
49) Dibromochloromethane	10.78	129	111356	5.96	ug/L	92
50) 1,2-Dibromoethane	10.89	107	78616	5.95	ug/L #	94
51) Chlorobenzene	11.31	112	521690	5.36	ug/L	96
52) Ethylbenzene	11.39	91	909053	5.20	ug/L	99
53) m,p-Xylene	11.51	106	373079	5.51	ug/L	99
54) o-Xylene	11.83	106	345450	5.56	ug/L	92
55) Styrene	11.85	104	577789	5.84	ug/L	98
56) Isopropylbenzene	12.13	105	871435	5.33	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.38	83	93989	6.26	ug/L	99
59) 1,2,3-Trichloropropane	12.44	75	59890	5.97	ug/L	99
61) Bromoform	12.01	173	46280	5.40	ug/L	97
62) 1,3-Dichlorobenzene	13.16	146	313567	5.04	ug/L	98
63) 1,4-Dichlorobenzene	13.24	146	352814	5.22	ug/L	96
65) 1,2-Dichlorobenzene	13.53	146	291703	5.45	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.15	75	7427	4.49	ug/L #	74
67) 1,3,5-Trichlorobenzene	14.29	180	212884	5.03	ug/L	98
68) 1,2,4-trichlorobenzene	14.79	180	140688	5.17	ug/L	99
69) Naphthalene	15.00	128	156484	5.04	ug/L	98
70) 1,2,3-Trichlorobenzene	15.18	180	127939	6.12	ug/L	98

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR080918\
Data File : VR025615.D
Acq On : 9 Aug 2018 20:30
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25mL/MSVOA R/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
VSTD00597

Manual Integrations
APPROVED

MMDadoda
8/10/2018 4:11:14 PM

Quant Time: Aug 10 07:26:28 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR073018WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Aug 09 04:27:17 2018
Response via : Initial Calibration

