

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR071918\
 Data File : VR025527.D
 Acq On : 19 Jul 2018 18:21
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD00599

Manual Integrations
 APPROVED

MMDadoda
 7/20/2018 3:31:22 PM

Quant Time: Jul 20 02:11:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR070518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 20 01:22:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	637792	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	533626	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	216970	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	100013	5.69	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	113.80%
7) Chloroethane-d5	2.64	69	74282	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.20%
11) 1,1-Dichloroethene-d2	3.63	63	277732	5.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	104.20%
20) 2-Butanone-d5	6.60	46	274795	50.32	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.64%
24) Chloroform-d	7.20	84	441813	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
26) 1,2-Dichloroethane-d4	7.89	65	164877	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
32) Benzene-d6	7.86	84	963558	5.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.00%
36) 1,2-Dichloropropane-d6	8.90	67	258227	4.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.60%
41) Toluene-d8	9.97	98	879881	5.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.20%
43) trans-1,3-Dichloropropene-	10.24	79	66386	4.84	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.80%
46) 2-Hexanone-d5	10.59	63	243622	54.92	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.84%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	118107	5.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.00%
64) 1,2-Dichlorobenzene-d4	13.51	152	182808	5.10	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.00%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.83	85	198141	5.50	ug/L	98
3) Chloromethane	2.01	50	99848	4.67	ug/L	97
5) Vinyl chloride	2.16	62	98362	5.13	ug/L	93
6) Bromomethane	2.53	94	43906	3.89	ug/L	92
8) Chloroethane	2.66	64	53824	4.50	ug/L	97
9) Trichlorofluoromethane	2.97	101	173377m	5.53	ug/L	
10) 1,1,2-Trichloro-1,2,2-trif	3.67	101	104932	5.50	ug/L	98
12) 1,1-Dichloroethene	3.65	96	95552	5.01	ug/L	90
13) Acetone	3.71	43	110146	44.77	ug/L	98
14) Carbon disulfide	3.97	76	195241m	4.50	ug/L	
15) Methyl Acetate	4.19	43	27634	5.02	ug/L	94
16) Methylene chloride	4.41	84	82318m	4.41	ug/L	
17) Methyl tert-butyl Ether	4.90	73	302397	4.87	ug/L	98
18) trans-1,2-Dichloroethene	4.88	96	235822	4.97	ug/L	94
19) 1,1-Dichloroethane	5.69	63	391645	4.81	ug/L	99
21) 2-Butanone	6.69	43	284510	49.64	ug/L	95
22) cis-1,2-Dichloroethene	6.68	96	234018	5.38	ug/L	91

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR071918\
 Data File : VR025527.D
 Acq On : 19 Jul 2018 18:21
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD00599

Manual Integrations
 APPROVED

MMDadoda
 7/20/2018 3:31:22 PM

Quant Time: Jul 20 02:11:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR070518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 20 01:22:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

23) Bromochloromethane	7.05	128	69411	4.95	ug/L #	92
25) Chloroform	7.23	83	387896	4.96	ug/L	99
27) 1,2-Dichloroethane	7.99	62	168921	4.82	ug/L #	94
29) 1,1,1-Trichloroethane	7.43	97	266009	4.90	ug/L	98
30) Cyclohexane	7.52	56	346610	5.95	ug/L	95
31) Carbon tetrachloride	7.63	117	264336	5.51	ug/L	97
33) Benzene	7.91	78	952225	5.18	ug/L	100
34) Trichloroethene	8.71	95	225913	4.82	ug/L	97
35) Methylcyclohexane	8.96	83	387727	6.19	ug/L	96
37) 1,2-Dichloropropane	8.99	63	207371	4.85	ug/L	100
38) Bromodichloromethane	9.28	83	216172	4.96	ug/L	98
39) cis-1,3-Dichloropropene	9.72	75	247674	5.15	ug/L	95
40) 4-Methyl-2-pentanone	9.86	43	653908	52.78	ug/L	94
42) Toluene	10.03	91	974320	5.45	ug/L	99
44) trans-1,3-Dichloropropene	10.27	75	171970	4.87	ug/L	96
45) 1,1,2-Trichloroethane	10.44	97	102908	4.91	ug/L	95
47) Tetrachloroethene	10.51	164	159400	5.21	ug/L	96
48) 2-Hexanone	10.64	43	437162	51.29	ug/L	96
49) Dibromochloromethane	10.78	129	109623	5.02	ug/L	96
50) 1,2-Dibromoethane	10.89	107	83560	4.92	ug/L #	95
51) Chlorobenzene	11.31	112	551149	5.06	ug/L	99
52) Ethylbenzene	11.39	91	1074300	5.60	ug/L	96
53) m,p-Xylene	11.50	106	397797	5.53	ug/L	93
54) o-Xylene	11.83	106	362312	5.84	ug/L	97
55) Styrene	11.85	104	580360	5.69	ug/L	93
56) Isopropylbenzene	12.13	105	980804	5.97	ug/L	98
58) 1,1,1,2,2-Tetrachloroethane	12.38	83	103064	4.99	ug/L	86
59) 1,2,3-Trichloropropane	12.44	75	72897	4.91	ug/L	96
61) Bromoform	12.01	173	39817	4.51	ug/L	97
62) 1,3-Dichlorobenzene	13.16	146	327479	5.15	ug/L	99
63) 1,4-Dichlorobenzene	13.24	146	345167	4.89	ug/L	97
65) 1,2-Dichlorobenzene	13.53	146	281255	5.09	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.15	75	10633	4.35	ug/L #	82
67) 1,3,5-Trichlorobenzene	14.29	180	225202	5.42	ug/L	97
68) 1,2,4-trichlorobenzene	14.79	180	144485	5.06	ug/L	99
69) Naphthalene	15.00	128	184473	5.05	ug/L	98
70) 1,2,3-Trichlorobenzene	15.18	180	119132	5.41	ug/L	97

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR071918\
Data File : VR025527.D
Acq On : 19 Jul 2018 18:21
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25mL/MSVOA R/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleID :
VSTD00599

Manual Integrations
APPROVED

MMDadoda
7/20/2018 3:31:22 PM

Quant Time: Jul 20 02:11:45 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR070518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jul 20 01:22:24 2018
Response via : Initial Calibration

