

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061618\
 Data File : VV006331.D
 Acq On : 16 Jun 2018 19:58
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00569

Quant Time: Jun 18 01:19:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053118WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jun 18 01:15:51 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	309023	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	283579	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	137532	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	101278	6.00	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	120.00%
7) Chloroethane-d5	1.58	69	77470	5.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	114.60%
11) 1,1-Dichloroethene-d2	2.13	63	180674	5.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	110.20%
20) 2-Butanone-d5	3.96	46	191676	53.49	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.98%
24) Chloroform-d	4.41	84	168461	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.20%
26) 1,2-Dichloroethane-d4	5.09	65	81471	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.20%
32) Benzene-d6	5.11	84	360835	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.80%
36) 1,2-Dichloropropane-d6	6.12	67	105610	5.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.00%
41) Toluene-d8	7.37	98	348823	5.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.40%
43) trans-1,3-Dichloropropene-	7.67	79	36710	4.00	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.00%
46) 2-Hexanone-d5	8.14	63	172961	43.70	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.40%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	70516	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	124653	5.23	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	95660	4.065	ug/L 100
3) Chloromethane	1.26	50	99416	5.050	ug/L 99
5) Vinyl chloride	1.32	62	112425	4.717	ug/L 99
6) Bromomethane	1.54	94	59617	4.709	ug/L 97
8) Chloroethane	1.60	64	68041	5.107	ug/L 100
9) Trichlorofluoromethane	1.77	101	153372	4.960	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	94356	4.945	ug/L 99
12) 1,1-Dichloroethene	2.14	96	88743	5.004	ug/L 96
13) Acetone	2.21	43	120821	62.217	ug/L 95
14) Carbon disulfide	2.32	76	201686	3.395	ug/L 99
15) Methyl Acetate	2.47	43	33675	5.827	ug/L 99
16) Methylene chloride	2.54	84	96690	4.939	ug/L 98
17) Methyl tert-butyl Ether	2.81	73	222751	5.076	ug/L 98
18) trans-1,2-Dichloroethene	2.79	96	95926	4.958	ug/L 98
19) 1,1-Dichloroethane	3.23	63	167931	5.161	ug/L 100
21) 2-Butanone	4.04	43	194789	55.136	ug/L 94
22) cis-1,2-Dichloroethene	3.97	96	104219	4.978	ug/L # 99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061618\
 Data File : VV006331.D
 Acq On : 16 Jun 2018 19:58
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00569

Quant Time: Jun 18 01:19:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053118WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jun 18 01:15:51 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.31	128	42307	5.038	ug/L	97
25) Chloroform	4.44	83	172093	5.121	ug/L	99
27) 1,2-Dichloroethane	5.19	62	99674	5.166	ug/L	98
29) 1,1,1-Trichloroethane	4.67	97	142775	4.557	ug/L	99
30) Cyclohexane	4.73	56	139661	4.334	ug/L	97
31) Carbon tetrachloride	4.88	117	117565	4.255	ug/L	99
33) Benzene	5.15	78	387896	4.961	ug/L	100
34) Trichloroethene	5.96	95	104942	4.918	ug/L	96
35) Methylcyclohexane	6.18	83	158229	4.313	ug/L	100
37) 1,2-Dichloropropane	6.23	63	92655	4.947	ug/L	100
38) Bromodichloromethane	6.56	83	105213	4.218	ug/L	99
39) cis-1,3-Dichloropropene	7.08	75	130695	4.281	ug/L	99
40) 4-Methyl-2-pentanone	7.28	43	478724	49.415	ug/L	98
42) Toluene	7.44	91	418699	4.852	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	100560	4.061	ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	67809	5.115	ug/L	99
47) Tetrachloroethene	8.02	164	84465	4.945	ug/L	99
48) 2-Hexanone	8.19	43	346918	50.952	ug/L	99
49) Dibromochloromethane	8.30	129	68017	4.075	ug/L	97
50) 1,2-Dibromoethane	8.40	107	61447	4.975	ug/L	98
51) Chlorobenzene	8.93	112	278749	5.031	ug/L	99
52) Ethylbenzene	9.06	91	464049	4.826	ug/L	100
53) m,p-xylene	9.19	106	177941	4.744	ug/L	99
54) o-xylene	9.59	106	178914	4.877	ug/L	98
55) Styrene	9.61	104	292915	4.855	ug/L	97
56) Isopropylbenzene	9.98	105	467642	4.841	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	69476	4.575	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	54206	5.136	ug/L	99
61) Bromoform	9.78	173	32694	3.503	ug/L	100
62) 1,3-Dichlorobenzene	11.23	146	214719	4.956	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	213215	4.975	ug/L	99
65) 1,2-Dichlorobenzene	11.70	146	203651	5.094	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	8706	3.314	ug/L	94
67) 1,3,5-Trichlorobenzene	12.70	180	165045	4.949	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	127467	4.943	ug/L	99
69) Naphthalene	13.56	128	191514	4.414	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	119305	5.036	ug/L	99

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

