

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072618\
 Data File : VV006717.D
 Acq On : 26 Jul 2018 21:05
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00562

Quant Time: Jul 27 00:53:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072318WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 27 00:52:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	250706	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	235563	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	110539	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	86925	6.66	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	133.20%#
7) Chloroethane-d5	1.58	69	60806	5.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	118.80%
11) 1,1-Dichloroethene-d2	2.13	63	155670	6.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	121.60%
20) 2-Butanone-d5	3.97	46	204656	50.20	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.40%
24) Chloroform-d	4.41	84	147352	6.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	120.40%
26) 1,2-Dichloroethane-d4	5.09	65	70988	5.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	119.00%
32) Benzene-d6	5.10	84	301446	6.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	124.60%
36) 1,2-Dichloropropane-d6	6.12	67	96185	5.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	117.60%
41) Toluene-d8	7.37	98	281008	6.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	132.80%#
43) trans-1,3-Dichloropropene-	7.67	79	32211	6.03	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	120.60%
46) 2-Hexanone-d5	8.14	63	176624	52.26	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.52%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	71428	5.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	97419	5.91	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	118.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	108297	4.80	ug/L 97
3) Chloromethane	1.26	50	102262	5.34	ug/L 96
5) Vinyl chloride	1.32	62	123326	5.14	ug/L 98
6) Bromomethane	1.54	94	30571	5.21	ug/L 97
8) Chloroethane	1.60	64	67165	5.12	ug/L 98
9) Trichlorofluoromethane	1.77	101	141161	5.13	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	85474	5.10	ug/L 99
12) 1,1-Dichloroethene	2.14	96	82615	5.03	ug/L 93
13) Acetone	2.21	43	136779	52.73	ug/L 100
14) Carbon disulfide	2.32	76	263049	4.76	ug/L 99
15) Methyl Acetate	2.47	43	39987	5.20	ug/L 98
16) Methylene chloride	2.54	84	92276	4.90	ug/L 98
17) Methyl tert-butyl Ether	2.82	73	211234	5.24	ug/L 99
18) trans-1,2-Dichloroethene	2.79	96	91841	5.15	ug/L 98
19) 1,1-Dichloroethane	3.23	63	172770	5.26	ug/L 99
21) 2-Butanone	4.05	43	228696	52.64	ug/L 99
22) cis-1,2-Dichloroethene	3.97	96	95623	5.14	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	39428	5.15	ug/L	97
25) Chloroform	4.43	83	161347	5.24	ug/L	98
27) 1,2-Dichloroethane	5.19	62	95449	5.28	ug/L	100
29) 1,1,1-Trichloroethane	4.66	97	130878	5.16	ug/L	100
30) Cyclohexane	4.72	56	138051	4.87	ug/L	100
31) Carbon tetrachloride	4.88	117	111778	5.16	ug/L	99
33) Benzene	5.15	78	373547	5.27	ug/L	100
34) Trichloroethene	5.96	95	91788	5.13	ug/L	98
35) Methylcyclohexane	6.18	83	143461	4.80	ug/L	100
37) 1,2-Dichloropropane	6.23	63	94522	5.20	ug/L	100
38) Bromodichloromethane	6.56	83	106441	5.24	ug/L	98
39) cis-1,3-Dichloropropene	7.08	75	119132	5.03	ug/L	100
40) 4-Methyl-2-pentanone	7.29	43	542890	54.32	ug/L	100
42) Toluene	7.44	91	384111	5.27	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	94982	5.10	ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	64920	5.30	ug/L	99
47) Tetrachloroethene	8.02	164	72892	5.13	ug/L	99
48) 2-Hexanone	8.20	43	383795	55.04	ug/L	99
49) Dibromochloromethane	8.30	129	68386	5.28	ug/L	98
50) 1,2-Dibromoethane	8.40	107	58188	5.32	ug/L	100
51) Chlorobenzene	8.93	112	246009	5.19	ug/L	99
52) Ethylbenzene	9.06	91	400408	5.15	ug/L	100
53) m,p-xylene	9.19	106	156552	5.33	ug/L	100
54) o-xylene	9.59	106	150420	5.26	ug/L	100
55) Styrene	9.61	104	260117	5.39	ug/L	98
56) Isopropylbenzene	9.98	105	387620	5.22	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.30	83	76152	5.08	ug/L	100
59) 1,2,3-Trichloropropane	10.33	75	56209	5.25	ug/L	100
61) Bromoform	9.78	173	34314	5.11	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	173455	5.08	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	178222	5.12	ug/L	100
65) 1,2-Dichlorobenzene	11.70	146	173533	5.21	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	10237	5.14	ug/L	94
67) 1,3,5-Trichlorobenzene	12.70	180	131872	5.05	ug/L	98
68) 1,2,4-trichlorobenzene	13.32	180	103368	4.99	ug/L	99
69) Naphthalene	13.56	128	182493	5.15	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	103024	5.25	ug/L	98

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

