

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV061818\
 Data File : VV006333.D
 Acq On : 18 Jun 2018 10:17
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00570

Quant Time: Jun 18 12:49:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053118WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jun 18 03:14:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	392409	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	359072	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	175790	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	122697	5.73	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	114.60%
7) Chloroethane-d5	1.59	69	99006	5.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	115.40%
11) 1,1-Dichloroethene-d2	2.13	63	221473	5.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	106.40%
20) 2-Butanone-d5	3.97	46	246730	54.22	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.44%
24) Chloroform-d	4.41	84	213762	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.00%
26) 1,2-Dichloroethane-d4	5.09	65	101429	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
32) Benzene-d6	5.10	84	447519	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.80%
36) 1,2-Dichloropropane-d6	6.12	67	131325	5.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.20%
41) Toluene-d8	7.36	98	435521	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.80%
43) trans-1,3-Dichloropropene-	7.67	79	51818	4.46	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.20%
46) 2-Hexanone-d5	8.14	63	223923	44.68	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.36%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	87379	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	157122	5.15	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	122536	4.100 ug/L	99
3) Chloromethane	1.26	50	127956	5.119 ug/L	100
5) Vinyl chloride	1.32	62	142272	4.701 ug/L	99
6) Bromomethane	1.54	94	78804	4.902 ug/L	96
8) Chloroethane	1.60	64	90610	5.356 ug/L	100
9) Trichlorofluoromethane	1.77	101	182578	4.650 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	118227	4.879 ug/L	98
12) 1,1-Dichloroethene	2.14	96	110239	4.895 ug/L	96
13) Acetone	2.22	43	162899	66.060 ug/L	95
14) Carbon disulfide	2.32	76	298895	3.962 ug/L	99
15) Methyl Acetate	2.47	43	44185	6.021 ug/L	97
16) Methylene chloride	2.54	84	124133	4.993 ug/L	99
17) Methyl tert-butyl Ether	2.81	73	285932	5.131 ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	122033	4.967 ug/L	98
19) 1,1-Dichloroethane	3.23	63	219274	5.306 ug/L	99
21) 2-Butanone	4.05	43	257596	57.420 ug/L	94
22) cis-1,2-Dichloroethene	3.97	96	134446	5.057 ug/L #	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	53774	5.043	ug/L	97
25) Chloroform	4.43	83	224975	5.272	ug/L	98
27) 1,2-Dichloroethane	5.19	62	125029	5.103	ug/L	100
29) 1,1,1-Trichloroethane	4.66	97	187964	4.738	ug/L	99
30) Cyclohexane	4.73	56	177171	4.343	ug/L	98
31) Carbon tetrachloride	4.88	117	159981	4.572	ug/L	100
33) Benzene	5.15	78	495990	5.010	ug/L	100
34) Trichloroethene	5.96	95	136073	5.036	ug/L	97
35) Methylcyclohexane	6.18	83	208578	4.491	ug/L	100
37) 1,2-Dichloropropane	6.23	63	122594	5.169	ug/L	100
38) Bromodichloromethane	6.56	83	146861	4.650	ug/L	100
39) cis-1,3-Dichloropropene	7.08	75	181118	4.685	ug/L	100
40) 4-Methyl-2-pentanone	7.28	43	622803	50.771	ug/L	99
42) Toluene	7.43	91	539508	4.937	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	143074	4.563	ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	87147	5.192	ug/L	98
47) Tetrachloroethene	8.02	164	108416	5.013	ug/L	98
48) 2-Hexanone	8.19	43	443349	51.425	ug/L	99
49) Dibromochloromethane	8.30	129	98464	4.659	ug/L	98
50) 1,2-Dibromoethane	8.40	107	79018	5.052	ug/L	96
51) Chlorobenzene	8.93	112	359759	5.128	ug/L	99
52) Ethylbenzene	9.06	91	600190	4.930	ug/L	99
53) m,p-xylene	9.19	106	234173	4.930	ug/L	97
54) o-xylene	9.59	106	229447	4.940	ug/L	99
55) Styrene	9.61	104	384906	5.038	ug/L	99
56) Isopropylbenzene	9.98	105	612296	5.006	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	88312	4.593	ug/L	99
59) 1,2,3-Trichloropropane	10.33	75	69107	5.172	ug/L	100
61) Bromoform	9.78	173	50321	4.219	ug/L	100
62) 1,3-Dichlorobenzene	11.23	146	281626	5.085	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	279182	5.096	ug/L	99
65) 1,2-Dichlorobenzene	11.70	146	264058	5.168	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	13023	3.878	ug/L	93
67) 1,3,5-Trichlorobenzene	12.70	180	226383	5.311	ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	172708	5.240	ug/L	99
69) Naphthalene	13.56	128	261097	4.708	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	157451	5.200	ug/L	100

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

