

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082018\
 Data File : VV007078.D
 Acq On : 20 Aug 2018 17:29
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00566

Quant Time: Aug 21 04:07:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Aug 21 04:05:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	247948	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	238810	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	109019	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	74177	4.63	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.60%
7) Chloroethane-d5	1.58	69	70347	5.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.60%
11) 1,1-Dichloroethene-d2	2.13	63	151184	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.60%
20) 2-Butanone-d5	3.97	46	242977	52.79	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.58%
24) Chloroform-d	4.41	84	184765	5.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.80%
26) 1,2-Dichloroethane-d4	5.09	65	91443	5.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.60%
32) Benzene-d6	5.10	84	343180	5.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.80%
36) 1,2-Dichloropropane-d6	6.12	67	114854	5.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.60%
41) Toluene-d8	7.36	98	309076	5.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	118.40%
43) trans-1,3-Dichloropropene-	7.67	79	39639	5.43	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	108.60%
46) 2-Hexanone-d5	8.15	63	129966	43.56	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.12%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	88874	5.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	103430	5.45	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.00%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.14	85	115140	4.77	ug/L	100
3) Chloromethane	1.25	50	116492	5.01	ug/L	100
5) Vinyl chloride	1.32	62	116090	4.83	ug/L	98
6) Bromomethane	1.54	94	32931	6.32	ug/L	100
8) Chloroethane	1.60	64	70279	4.82	ug/L	99
9) Trichlorofluoromethane	1.77	101	155084	5.07	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	95740	5.22	ug/L	99
12) 1,1-Dichloroethene	2.14	96	88448	4.97	ug/L	93
13) Acetone	2.21	43	128685	54.30	ug/L	99
14) Carbon disulfide	2.32	76	256486	4.36	ug/L	99
15) Methyl Acetate	2.47	43	35110	5.26	ug/L	91
16) Methylene chloride	2.54	84	97640	4.55	ug/L	96
17) Methyl tert-butyl Ether	2.82	73	214981	5.04	ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	94723	4.97	ug/L	94
19) 1,1-Dichloroethane	3.23	63	201218	5.85	ug/L	98
21) 2-Butanone	4.05	43	258495	50.23	ug/L	95
22) cis-1,2-Dichloroethene	3.97	96	105729	4.89	ug/L	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.31	128	47525	5.39	ug/L	88
25) Chloroform	4.43	83	193617	5.14	ug/L	98
27) 1,2-Dichloroethane	5.19	62	114086	4.86	ug/L	96
29) 1,1,1-Trichloroethane	4.66	97	165165	5.19	ug/L	99
30) Cyclohexane	4.73	56	145394	4.39	ug/L	99
31) Carbon tetrachloride	4.88	117	139426	5.22	ug/L	99
33) Benzene	5.15	78	421010	5.09	ug/L	100
34) Trichloroethene	5.96	95	99823	5.03	ug/L	97
35) Methylcyclohexane	6.18	83	147482	4.63	ug/L	99
37) 1,2-Dichloropropane	6.23	63	113227	5.00	ug/L	99
38) Bromodichloromethane	6.56	83	131568	5.11	ug/L	99
39) cis-1,3-Dichloropropene	7.08	75	133430	4.88	ug/L	100
40) 4-Methyl-2-pentanone	7.29	43	576267	47.11	ug/L	99
42) Toluene	7.44	91	425253	5.35	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	111821	4.98	ug/L	98
45) 1,1,2-Trichloroethane	7.89	97	76645	5.20	ug/L	98
47) Tetrachloroethene	8.02	164	85188	5.30	ug/L	97
48) 2-Hexanone	8.20	43	448265	51.96	ug/L	96
49) Dibromochloromethane	8.30	129	84030	5.44	ug/L	96
50) 1,2-Dibromoethane	8.40	107	65415	5.26	ug/L #	99
51) Chlorobenzene	8.93	112	263217	5.19	ug/L	98
52) Ethylbenzene	9.06	91	396011	4.99	ug/L	100
53) m,p-xylene	9.19	106	149087	5.04	ug/L	96
54) o-xylene	9.59	106	142144	5.07	ug/L	98
55) Styrene	9.61	104	244475	5.17	ug/L	98
56) Isopropylbenzene	9.98	105	373461	5.08	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	90959	5.08	ug/L	95
59) 1,2,3-Trichloropropane	10.33	75	66162	5.22	ug/L	99
61) Bromoform	9.78	173	46117	5.59	ug/L	97
62) 1,3-Dichlorobenzene	11.23	146	181623	5.15	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	187840	5.20	ug/L	98
65) 1,2-Dichlorobenzene	11.70	146	182882	5.27	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.48	75	10189	4.14	ug/L	87
67) 1,3,5-Trichlorobenzene	12.70	180	134311	5.03	ug/L	98
68) 1,2,4-trichlorobenzene	13.32	180	89170	4.55	ug/L	99
69) Naphthalene	13.56	128	104381	3.71	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	86857	4.60	ug/L	98

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

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