

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071718\
 Data File : VV006615.D
 Acq On : 17 Jul 2018 13:06
 Operator : SY/MD
 Sample : VSTD00577
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00577

Manual Integrations
 APPROVED

MMDadoda
 7/18/2018 5:49:01 PM

Quant Time: Jul 17 13:42:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jul 17 12:39:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	243551	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	226865	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	107849	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	114742	8.67	ug/L	0.00
7) Chloroethane-d5	1.57	69	82880	7.17	ug/L	-0.01
11) 1,1-Dichloroethene-d2	2.13	63	195701	7.94	ug/L	0.00
20) 2-Butanone-d5	3.96	46	147203	43.77	ug/L	0.00
24) Chloroform-d	4.41	84	181566	6.97	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	88484	7.31	ug/L	0.00
32) Benzene-d6	5.10	84	378646	7.31	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	117143	6.98	ug/L	0.00
41) Toluene-d8	7.36	98	354259	7.66	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	40969	7.20	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	224018	77.92	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	92851	7.03	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	124910	6.73	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	122617m	6.42	ug/L	
3) Chloromethane	1.27	50	136076	5.82	ug/L	99
5) Vinyl chloride	1.32	62	145380	6.71	ug/L	99
6) Bromomethane	1.52	94	62912m	6.26	ug/L	
8) Chloroethane	1.59	64	78099	5.93	ug/L	100
9) Trichlorofluoromethane	1.76	101	159459	6.54	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	96531	6.40	ug/L	98
12) 1,1-Dichloroethene	2.14	96	96525	6.33	ug/L	96
13) Acetone	2.19	43	153636	72.23	ug/L	96
14) Carbon disulfide	2.32	76	296346	6.50	ug/L	100
15) Methyl Acetate	2.46	43	45173	7.21	ug/L	96
16) Methylene chloride	2.54	84	109375	6.36	ug/L	95
17) Methyl tert-butyl Ether	2.81	73	245338	6.79	ug/L	97
18) trans-1,2-Dichloroethene	2.79	96	106725	6.42	ug/L	98
19) 1,1-Dichloroethane	3.23	63	198907	6.89	ug/L	99
21) 2-Butanone	4.04	43	281257	80.59	ug/L	94
22) cis-1,2-Dichloroethene	3.97	96	111456	6.24	ug/L	97
23) Bromochloromethane	4.30	128	46481	6.35	ug/L	94
25) Chloroform	4.43	83	184171	6.41	ug/L	100
27) 1,2-Dichloroethane	5.19	62	109212	6.70	ug/L	96
29) 1,1,1-Trichloroethane	4.66	97	149502	6.29	ug/L	99
30) Cyclohexane	4.72	56	159117	6.29	ug/L	96
31) Carbon tetrachloride	4.88	117	124035	6.24	ug/L	99
33) Benzene	5.15	78	430907	6.36	ug/L	100
34) Trichloroethene	5.96	95	104660	6.03	ug/L	99
35) Methylcyclohexane	6.18	83	169319	6.05	ug/L	98
37) 1,2-Dichloropropane	6.23	63	107942	6.52	ug/L	100
38) Bromodichloromethane	6.56	83	120466	6.45	ug/L	99
39) cis-1,3-Dichloropropene	7.08	75	143696	6.46	ug/L	100
40) 4-Methyl-2-pentanone	7.29	43	635198	75.67	ug/L	95

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42) Toluene	7.44	91	445858	6.33	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	112001	6.53	ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	74815	6.46	ug/L	97
47) Tetrachloroethene	8.02	164	85416	5.98	ug/L	98
48) 2-Hexanone	8.19	43	453583	76.20	ug/L	97
49) Dibromochloromethane	8.30	129	77476	6.41	ug/L	99
50) 1,2-Dibromoethane	8.40	107	67616	6.41	ug/L	97
51) Chlorobenzene	8.93	112	283702	6.16	ug/L	99
52) Ethylbenzene	9.06	91	469224	6.27	ug/L	99
53) m,p-xylene	9.19	106	181208	6.29	ug/L	97
54) o-xylene	9.59	106	177161	6.28	ug/L	97
55) Styrene	9.61	104	308005	6.49	ug/L	99
56) Isopropylbenzene	9.98	105	454154	6.28	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.30	83	92659	6.78	ug/L	99
59) 1,2,3-Trichloropropane	10.33	75	67113	6.81	ug/L	99
61) Bromoform	9.78	173	39620	6.41	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	209220	6.15	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	211164	6.11	ug/L	97
65) 1,2-Dichlorobenzene	11.70	146	207360	6.31	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	12735	7.25	ug/L	88
67) 1,3,5-Trichlorobenzene	12.70	180	161888	6.01	ug/L	100
68) 1,2,4-trichlorobenzene	13.32	180	132308	6.17	ug/L	100
69) Naphthalene	13.56	128	246039	6.76	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	127214	6.33	ug/L	100

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

