

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV110618\
 Data File : VV008534.D
 Acq On : 06 Nov 2018 16:11
 Operator : SY/MD
 Sample : VSTD100
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD10070

Quant Time: Nov 07 08:52:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM110618WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 07 08:48:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	258730	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	240516	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	110027	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	87131	52.96	ug/L	0.00
7) Chloroethane-d5	1.56	69	70767	77.26	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	194329	73.53	ug/L	0.00
21) 2-Butanone-d5	3.94	46	287323	180.42	ug/L	0.00
24) Chloroform-d	4.41	84	282108	78.13	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	179148	74.25	ug/L	0.00
32) Benzene-d6	5.10	84	500694	68.75	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	177786	72.55	ug/L	0.00
41) Toluene-d8	7.36	98	460403	69.21	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	81194	65.32	ug/L	0.00
47) 2-Hexanone-d5	8.13	63	204203	165.30	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	268115	79.09	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	181059	75.07	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	194431	101.901	ug/L	100
3) Chloromethane	1.25	50	190751	99.117	ug/L	99
5) Vinyl chloride	1.32	62	177737	99.206	ug/L	96
6) Bromomethane	1.51	94	51647	115.476	ug/L	97
8) Chloroethane	1.58	64	94345	102.999	ug/L	94
9) Trichlorofluoromethane	1.76	101	235064	108.483	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	127502	109.915	ug/L	98
12) 1,1-Dichloroethene	2.14	96	117129	109.525	ug/L	92
13) Acetone	2.19	43	240242	182.290	ug/L	99
14) Carbon disulfide	2.32	76	495847	96.194	ug/L	100
15) Methyl Acetate	2.46	43	230448	105.666	ug/L	99
16) Methylene chloride	2.54	84	189170	102.428	ug/L	96
17) trans-1,2-Dichloroethene	2.79	96	171319	102.965	ug/L	96
18) Methyl tert-butyl Ether	2.81	73	595077	101.881	ug/L	98
19) 1,1-Dichloroethane	3.23	63	343034	103.463	ug/L	100
20) cis-1,2-Dichloroethene	3.97	96	197266	103.074	ug/L	91
22) 2-Butanone	4.02	43	348662	196.939	ug/L	96
23) Bromochloromethane	4.31	128	94099	107.554	ug/L	97
25) Chloroform	4.43	83	341885	104.204	ug/L	99
27) 1,2-Dichloroethane	5.18	62	277488	103.855	ug/L	99
29) Cyclohexane	4.73	56	321033	99.304	ug/L	99
30) 1,1,1-Trichloroethane	4.67	97	304140	106.533	ug/L	98
31) Carbon tetrachloride	4.88	117	257509	105.651	ug/L	99
33) Benzene	5.15	78	738494	102.003	ug/L	100
34) Trichloroethene	5.96	95	189023	101.261	ug/L	99
35) Methylcyclohexane	6.18	83	298031	93.447	ug/L	96
37) 1,2-Dichloropropane	6.23	63	192389	95.769	ug/L	99
38) Bromodichloromethane	6.56	83	255445	102.249	ug/L	100
39) cis-1,3-Dichloropropene	7.07	75	312483	99.404	ug/L	99
40) 4-Methyl-2-pentanone	7.28	43	568748	191.371	ug/L	100

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42) Toluene	7.44	91	770355	102.888	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	285573	96.693	ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	179591	102.461	ug/L	99
46) Tetrachloroethene	8.02	164	133338	104.107	ug/L	96
48) 2-Hexanone	8.19	43	457533	190.847	ug/L	99
49) Dibromochloromethane	8.30	129	196171	103.629	ug/L	99
50) 1,2-Dibromoethane	8.40	107	185808	100.084	ug/L	99
51) Chlorobenzene	8.93	112	477809	101.320	ug/L	97
52) Ethylbenzene	9.06	91	853537	100.540	ug/L	100
53) m,p-Xylene	9.19	106	316602	100.213	ug/L	98
54) o-xylene	9.59	106	310035	99.432	ug/L	97
55) Styrene	9.61	104	519870	98.192	ug/L	99
56) Isopropylbenzene	9.98	105	824149	101.467	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	295185	93.297	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	241821	93.690	ug/L	99
61) Bromoform	9.78	173	129545	102.859	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	349425	101.090	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	342979	98.612	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	352335	102.154	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	67561	99.090	ug/L	94
67) 1,3,5-Trichlorobenzene	12.70	180	240943	106.447	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	199461	113.478	ug/L	99
69) Naphthalene	13.56	128	635549	118.553	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	202697	114.185	ug/L	99

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

