

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV103118\
 Data File : VV008496.D
 Acq On : 31 Oct 2018 15:32
 Operator : SY/MD
 Sample : VSTD10056
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD10056

Quant Time: Oct 31 22:53:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM103118WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 31 23:42:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	203211	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	190032	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	95563	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	134550	115.11	ug/L	0.00
7) Chloroethane-d5	1.56	69	69243	84.84	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	216234	105.25	ug/L	0.00
21) 2-Butanone-d5	3.94	46	260308	211.48	ug/L	0.00
24) Chloroform-d	4.41	84	298146	106.11	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	195982	104.49	ug/L	0.00
32) Benzene-d6	5.10	84	586878	106.27	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	196601	103.17	ug/L	0.00
41) Toluene-d8	7.36	98	543141	108.25	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	101651	109.55	ug/L	0.00
47) 2-Hexanone-d5	8.14	63	204463	207.64	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	280553	108.14	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	209828	105.34	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	159277	108.614	ug/L	100
3) Chloromethane	1.25	50	158294	101.972	ug/L	100
5) Vinyl chloride	1.33	62	149198	103.592	ug/L	98
6) Bromomethane	1.51	94	36988	94.804	ug/L	100
8) Chloroethane	1.58	64	77315	101.311	ug/L	99
9) Trichlorofluoromethane	1.76	101	180756	98.712	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	95302	99.184	ug/L	98
12) 1,1-Dichloroethene	2.14	96	89873	99.275	ug/L	88
13) Acetone	2.19	43	216333	216.093	ug/L	100
14) Carbon disulfide	2.32	76	422146	102.983	ug/L	100
15) Methyl Acetate	2.46	43	180631	96.634	ug/L	99
16) Methylene chloride	2.54	84	151550	96.323	ug/L	97
17) trans-1,2-Dichloroethene	2.79	96	137945	99.872	ug/L	99
18) Methyl tert-butyl Ether	2.81	73	486969	98.879	ug/L	100
19) 1,1-Dichloroethane	3.23	63	277653	97.860	ug/L	100
20) cis-1,2-Dichloroethene	3.97	96	156943	99.741	ug/L	97
22) 2-Butanone	4.02	43	294873	210.191	ug/L	99
23) Bromochloromethane	4.31	128	73697	99.607	ug/L	96
25) Chloroform	4.43	83	273423	98.576	ug/L	97
27) 1,2-Dichloroethane	5.18	62	224123	97.223	ug/L	99
29) Cyclohexane	4.73	56	270331	98.334	ug/L	99
30) 1,1,1-Trichloroethane	4.67	97	241537	98.865	ug/L	98
31) Carbon tetrachloride	4.88	117	207944	100.202	ug/L	99
33) Benzene	5.15	78	602991	97.813	ug/L	100
34) Trichloroethene	5.96	95	154696	97.975	ug/L	99
35) Methylcyclohexane	6.18	83	267677	99.548	ug/L	98
37) 1,2-Dichloropropane	6.23	63	164837	96.651	ug/L	99
38) Bromodichloromethane	6.56	83	211621	97.593	ug/L	98
39) cis-1,3-Dichloropropene	7.07	75	266311	99.524	ug/L	100
40) 4-Methyl-2-pentanone	7.28	43	498865	197.454	ug/L	100

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42) Toluene	7.43	91	625602	97.975	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	251035	100.155	ug/L	98
45) 1,1,2-Trichloroethane	7.89	97	145257	96.746	ug/L	98
46) Tetrachloroethene	8.02	164	103496	99.873	ug/L	96
48) 2-Hexanone	8.19	43	408055	206.206	ug/L	98
49) Dibromochloromethane	8.30	129	164166	101.626	ug/L	99
50) 1,2-Dibromoethane	8.40	107	155284	98.585	ug/L	99
51) Chlorobenzene	8.93	112	395467	100.213	ug/L	100
52) Ethylbenzene	9.06	91	717252	100.065	ug/L	99
53) m,p-Xylene	9.19	106	269383	102.345	ug/L	100
54) o-xylene	9.59	106	263470	100.311	ug/L	99
55) Styrene	9.61	104	457898	103.571	ug/L	100
56) Isopropylbenzene	9.98	105	697506	101.520	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	265386	100.376	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	214436	100.001	ug/L	99
61) Bromoform	9.78	173	116518	97.599	ug/L	100
62) 1,3-Dichlorobenzene	11.23	146	310014	98.486	ug/L	100
63) 1,4-Dichlorobenzene	11.32	146	314093	99.740	ug/L	100
65) 1,2-Dichlorobenzene	11.69	146	312426	97.474	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	63084	96.538	ug/L	98
67) 1,3,5-Trichlorobenzene	12.70	180	213735	103.762	ug/L	100
68) 1,2,4-trichlorobenzene	13.32	180	180222	108.954	ug/L	100
69) Naphthalene	13.55	128	566875	106.825	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	178379	107.649	ug/L	99

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

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