

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV021220\
 Data File : VV014567.D
 Acq On : 12 Feb 2020 11:54
 Operator : SY/MD
 Sample : VSTD10063
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD10063

Quant Time: Feb 13 04:52:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM021220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 13 04:49:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	305481	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	288056	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	146096	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	125282	78.91	ug/L	0.00
7) Chloroethane-d5	1.58	69	86945	87.07	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	207806	95.20	ug/L	0.00
21) 2-Butanone-d5	3.92	46	222898	201.87	ug/L	0.00
24) Chloroform-d	4.40	84	374296	106.34	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	228429	106.50	ug/L	0.00
32) Benzene-d6	5.10	84	738959	100.01	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.11	67	221577	95.63	ug/L	0.00
41) Toluene-d8	7.36	98	709643	103.50	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	125924	105.09	ug/L	0.00
47) 2-Hexanone-d5	8.12	63	180944	200.28	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.25	84	299668	99.68	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	267910	101.68	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	221007	89.965	ug/L	100
3) Chloromethane	1.26	50	183610	74.267	ug/L	97
5) Vinyl chloride	1.33	62	137861	69.757	ug/L	98
6) Bromomethane	1.53	94	69567	98.866	ug/L	99
8) Chloroethane	1.60	64	67258	76.415	ug/L	95
9) Trichlorofluoromethane	1.77	101	243242	100.632	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	103692	93.173	ug/L	99
12) 1,1-Dichloroethene	2.14	96	96895	87.322	ug/L	94
13) Acetone	2.18	43	203013	211.545	ug/L	93
14) Carbon disulfide	2.32	76	467636	86.121	ug/L	98
15) Methyl Acetate	2.45	43	167247	92.416	ug/L	99
16) Methylene chloride	2.54	84	196616	90.861	ug/L	98
17) trans-1,2-Dichloroethene	2.79	96	185693	94.609	ug/L	99
18) Methyl tert-butyl Ether	2.80	73	608205	100.150	ug/L	100
19) 1,1-Dichloroethane	3.23	63	329907	93.004	ug/L	98
20) cis-1,2-Dichloroethene	3.96	96	219519	99.526	ug/L	98
22) 2-Butanone	4.00	43	277163	203.745	ug/L	99
23) Bromochloromethane	4.30	128	107895	104.014	ug/L	100
25) Chloroform	4.42	83	361133	98.806	ug/L	98
27) 1,2-Dichloroethane	5.17	62	279126	107.153	ug/L	100
29) Cyclohexane	4.73	56	297576	88.863	ug/L	99
30) 1,1,1-Trichloroethane	4.66	97	326222	106.672	ug/L	100
31) Carbon tetrachloride	4.87	117	293745	109.319	ug/L	100
33) Benzene	5.14	78	771573	93.727	ug/L	100
34) Trichloroethene	5.96	95	209192	99.472	ug/L	98
35) Methylcyclohexane	6.17	83	326064	94.567	ug/L	100
37) 1,2-Dichloropropane	6.22	63	193073	94.006	ug/L	100
38) Bromodichloromethane	6.55	83	283502	101.953	ug/L	96
39) cis-1,3-Dichloropropene	7.07	75	337880	99.315	ug/L	98
40) 4-Methyl-2-pentanone	7.26	43	483850	195.301	ug/L	100

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42) Toluene	7.43	91	840518	96.978	ug/L	98
44) trans-1,3-Dichloropropene	7.69	75	313289	102.876	ug/L	98
45) 1,1,2-Trichloroethane	7.88	97	197975	100.809	ug/L	99
46) Tetrachloroethene	8.02	164	164679	105.256	ug/L	99
48) 2-Hexanone	8.17	43	388195	202.648	ug/L	98
49) Dibromochloromethane	8.29	129	238811	108.729	ug/L	100
50) 1,2-Dibromoethane	8.39	107	215692	102.334	ug/L	99
51) Chlorobenzene	8.92	112	557191	99.505	ug/L	98
52) Ethylbenzene	9.05	91	954197	97.771	ug/L	99
53) m,p-Xylene	9.18	106	370817	101.570	ug/L	97
54) o-xylene	9.58	106	352662	97.704	ug/L	99
55) Styrene	9.60	104	614442	101.123	ug/L	99
56) Isopropylbenzene	9.97	105	942383	101.381	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.28	83	309969	98.410	ug/L	100
59) 1,2,3-Trichloropropane	10.31	75	245993	99.807	ug/L	100
61) Bromoform	9.77	173	167908	110.700	ug/L	100
62) 1,3-Dichlorobenzene	11.22	146	445170	100.455	ug/L	98
63) 1,4-Dichlorobenzene	11.31	146	450740	98.640	ug/L	100
65) 1,2-Dichlorobenzene	11.68	146	436750	100.084	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.47	75	73510	105.250	ug/L	97
67) 1,3,5-Trichlorobenzene	12.69	180	323523	107.471	ug/L	98
68) 1,2,4-trichlorobenzene	13.30	180	299327	108.851	ug/L	99
69) Naphthalene	13.54	128	970545	111.543	ug/L	99
70) 1,2,3-Trichlorobenzene	13.78	180	294463	111.015	ug/L	100

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

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