

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV021220\
 Data File : VV014565.D
 Acq On : 12 Feb 2020 11:07
 Operator : SY/MD
 Sample : VSTD01061
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01061

Quant Time: Feb 13 04:52:03 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	311264	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	290551	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	147088	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	10791	6.67	ug/L	0.00
7) Chloroethane-d5	1.59	69	8050	7.91	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.14	63	19915	8.95	ug/L	0.00
21) 2-Butanone-d5	3.94	46	17200	15.29	ug/L	0.02
24) Chloroform-d	4.40	84	33139	9.24	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	21138	9.67	ug/L	0.00
32) Benzene-d6	5.10	84	67078	9.00	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	20379	8.72	ug/L	0.00
41) Toluene-d8	7.36	98	64406	9.31	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	11129	9.21	ug/L	0.00
47) 2-Hexanone-d5	8.14	63	15824	17.36	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.25	84	28484	9.39	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	25374	9.56	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	22851	9.129 ug/L	99
3) Chloromethane	1.26	50	21914	8.699 ug/L	94
5) Vinyl chloride	1.33	62	14661	7.281 ug/L	100
6) Bromomethane	1.54	94	7186	10.023 ug/L	99
8) Chloroethane	1.60	64	7479	8.339 ug/L	99
9) Trichlorofluoromethane	1.77	101	25495	10.352 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.15	101	10856	9.574 ug/L	98
12) 1,1-Dichloroethene	2.15	96	10212	9.032 ug/L	93
13) Acetone	2.19	43	17871	18.276 ug/L	96
14) Carbon disulfide	2.32	76	48746	8.810 ug/L	98
15) Methyl Acetate	2.46	43	16341	8.862 ug/L	98
16) Methylene chloride	2.54	84	21362	9.688 ug/L	98
17) trans-1,2-Dichloroethene	2.79	96	19720	9.860 ug/L	99
18) Methyl tert-butyl Ether	2.80	73	63292	10.228 ug/L	98
19) 1,1-Dichloroethane	3.23	63	34386	9.514 ug/L	96
20) cis-1,2-Dichloroethene	3.96	96	22650	10.078 ug/L	98
22) 2-Butanone	4.02	43	25481	18.383 ug/L	100
23) Bromochloromethane	4.30	128	10919	10.331 ug/L	94
25) Chloroform	4.42	83	38852	10.432 ug/L	100
27) 1,2-Dichloroethane	5.18	62	26401	9.947 ug/L	97
29) Cyclohexane	4.73	56	30541	9.042 ug/L	100
30) 1,1,1-Trichloroethane	4.66	97	32894	10.664 ug/L	98
31) Carbon tetrachloride	4.87	117	30115	11.111 ug/L	97
33) Benzene	5.15	78	80923	9.746 ug/L	100
34) Trichloroethene	5.96	95	21792	10.273 ug/L	96
35) Methylcyclohexane	6.17	83	33530	9.641 ug/L	98
37) 1,2-Dichloropropane	6.22	63	19012	9.177 ug/L	98
38) Bromodichloromethane	6.55	83	28896	10.302 ug/L	94
39) cis-1,3-Dichloropropene	7.07	75	33936	9.889 ug/L	98
40) 4-Methyl-2-pentanone	7.27	43	48987	19.603 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	88688	10.145	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	31559	10.274	ug/L	98
45) 1,1,2-Trichloroethane	7.88	97	20887	10.544	ug/L	97
46) Tetrachloroethene	8.02	164	17552	11.122	ug/L	96
48) 2-Hexanone	8.18	43	37797	19.562	ug/L	96
49) Dibromochloromethane	8.29	129	24022	10.843	ug/L	95
50) 1,2-Dibromoethane	8.39	107	22252	10.467	ug/L	99
51) Chlorobenzene	8.92	112	60142	10.648	ug/L	97
52) Ethylbenzene	9.05	91	101154	10.276	ug/L	100
53) m,p-Xylene	9.18	106	39362	10.689	ug/L	93
54) o-xylene	9.58	106	38500	10.575	ug/L	95
55) Styrene	9.60	104	65758	10.729	ug/L	95
56) Isopropylbenzene	9.97	105	100357	10.704	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.28	83	32854	10.341	ug/L #	93
59) 1,2,3-Trichloropropane	10.32	75	25785	10.372	ug/L	97
61) Bromoform	9.77	173	16189	10.601	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	47204	10.580	ug/L	95
63) 1,4-Dichlorobenzene	11.31	146	48340	10.507	ug/L	98
65) 1,2-Dichlorobenzene	11.68	146	47461	10.803	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	7555	10.744	ug/L	88
67) 1,3,5-Trichlorobenzene	12.69	180	34012	11.222	ug/L	97
68) 1,2,4-trichlorobenzene	13.31	180	29918	10.806	ug/L	99
69) Naphthalene	13.55	128	95289	10.878	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	28988	10.855	ug/L	99

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

