

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV110619\
 Data File : VV013495.D
 Acq On : 06 Nov 2019 12:16
 Operator : SY/MD
 Sample : VSTD20061
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD20061

Quant Time: Nov 07 01:27:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM110619WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 07 01:22:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	946424	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	915499	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	501918	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	1076205	174.61	ug/L	0.00
7) Chloroethane-d5	1.57	69	873822	181.49	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	1923481	206.38	ug/L	0.00
21) 2-Butanone-d5	3.92	46	1828496	425.85	ug/L	0.00
24) Chloroform-d	4.40	84	2449008	183.19	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	1544969	192.19	ug/L	0.00
32) Benzene-d6	5.10	84	4890584	177.60	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.11	67	1561306	180.83	ug/L	0.00
41) Toluene-d8	7.36	98	4561569	183.16	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	790765	206.16	ug/L	0.00
47) 2-Hexanone-d5	8.13	63	1393253	506.39	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	2052659	181.24	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	1946914	172.54	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	1539405	188.174	ug/L	98
3) Chloromethane	1.25	50	1547370	238.161	ug/L	99
5) Vinyl chloride	1.32	62	1407230	215.112	ug/L	100
6) Bromomethane	1.52	94	697734	209.889	ug/L	97
8) Chloroethane	1.59	64	790641	214.396	ug/L	99
9) Trichlorofluoromethane	1.77	101	1846175	203.850	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	1030498	203.337	ug/L	99
12) 1,1-Dichloroethene	2.14	96	1002793	205.372	ug/L	90
13) Acetone	2.18	43	1444827	427.896	ug/L	98
14) Carbon disulfide	2.32	76	3494143	207.063	ug/L	99
15) Methyl Acetate	2.45	43	1437445	212.954	ug/L	99
16) Methylene chloride	2.53	84	1353240	189.396	ug/L	99
17) trans-1,2-Dichloroethene	2.79	96	1272130	192.420	ug/L	99
18) Methyl tert-butyl Ether	2.80	73	4035957	207.829	ug/L	100
19) 1,1-Dichloroethane	3.23	63	2421167	200.001	ug/L	99
20) cis-1,2-Dichloroethene	3.96	96	1447168	201.784	ug/L	98
22) 2-Butanone	4.00	43	2206402	463.405	ug/L	98
23) Bromochloromethane	4.29	128	739830	191.285	ug/L	98
25) Chloroform	4.42	83	2396692	193.743	ug/L	98
27) 1,2-Dichloroethane	5.17	62	1894714	206.997	ug/L	100
29) Cyclohexane	4.72	56	2319836	217.218	ug/L	99
30) 1,1,1-Trichloroethane	4.66	97	2079283	196.126	ug/L	98
31) Carbon tetrachloride	4.87	117	1874638	196.674	ug/L	99
33) Benzene	5.14	78	5295198	190.888	ug/L	100
34) Trichloroethene	5.96	95	1339116	184.297	ug/L	99
35) Methylcyclohexane	6.17	83	2305768	209.196	ug/L	99
37) 1,2-Dichloropropane	6.22	63	1405461	200.258	ug/L	99
38) Bromodichloromethane	6.55	83	1854951	200.357	ug/L	100
39) cis-1,3-Dichloropropene	7.07	75	2331782	222.354	ug/L	99
40) 4-Methyl-2-pentanone	7.27	43	3861980	433.727	ug/L	98

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42) Toluene	7.43	91	5608559	197.007	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	2057845	226.233	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	1300550	189.398	ug/L	99
46) Tetrachloroethene	8.02	164	1220755	189.920	ug/L	98
48) 2-Hexanone	8.18	43	3007945	422.454	ug/L	98
49) Dibromochloromethane	8.29	129	1564192	200.620	ug/L	98
50) 1,2-Dibromoethane	8.39	107	1398595	192.919	ug/L	98
51) Chlorobenzene	8.92	112	3664413	190.276	ug/L	100
52) Ethylbenzene	9.05	91	6272868	208.261	ug/L	100
53) m,p-Xylene	9.18	106	2425721	208.309	ug/L	96
54) o-xylene	9.59	106	2377137	208.941	ug/L	100
55) Styrene	9.60	104	4108600	213.134	ug/L	99
56) Isopropylbenzene	9.97	105	6194319	212.612	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.28	83	2044879	193.480	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	1636185	187.529	ug/L	99
61) Bromoform	9.77	173	1248192	191.810	ug/L	100
62) 1,3-Dichlorobenzene	11.22	146	3063973	190.032	ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	3109371	185.724	ug/L	100
65) 1,2-Dichlorobenzene	11.68	146	3037329	183.322	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	446997	192.895	ug/L	94
67) 1,3,5-Trichlorobenzene	12.69	180	2503331	204.662	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	2307645	224.511	ug/L	100
69) Naphthalene	13.55	128	6319508	230.340	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	2290181	209.513	ug/L	99

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

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