

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV111220\
 Data File : VV019349.D
 Acq On : 12 Nov 2020 12:57
 Operator : SY/MD
 Sample : VSTD20061
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD20061

Quant Time: Nov 12 13:17:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM111220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 12 12:30:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	215570	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	212561	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	131660	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	326467	192.74	ug/L	0.00
7) Chloroethane-d5	1.58	69	265757	199.01	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	678484	206.89	ug/L	0.00
21) 2-Butanone-d5	3.90	46	360740	357.94	ug/L	-0.01
24) Chloroform-d	4.37	84	631171	198.18	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.05	65	432014	194.85	ug/L	0.00
32) Benzene-d6	5.07	84	1122516	188.88	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.09	67	315006	179.52	ug/L	0.00
41) Toluene-d8	7.34	98	1107365	193.25	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.64	79	211258	206.04	ug/L	0.00
47) 2-Hexanone-d5	8.11	63	285008	383.89	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.23	84	447652	188.56	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	512243	188.39	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	367771	195.321	ug/L	98
3) Chloromethane	1.25	50	337249	195.120	ug/L	99
5) Vinyl chloride	1.32	62	362210	204.450	ug/L	98
6) Bromomethane	1.53	94	255137	210.926	ug/L	98
8) Chloroethane	1.60	64	231691	208.667	ug/L	99
9) Trichlorofluoromethane	1.76	101	644424	214.669	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	296406	207.166	ug/L	99
12) 1,1-Dichloroethene	2.13	96	301376	213.630	ug/L	97
13) Acetone	2.19	43	277069	294.369	ug/L	99
14) Carbon disulfide	2.31	76	848399	194.203	ug/L	100
15) Methyl Acetate	2.44	43	262418	172.565	ug/L	99
16) Methylene chloride	2.52	84	297150	188.766	ug/L	99
17) trans-1,2-Dichloroethene	2.78	96	296373	199.326	ug/L	97
18) Methyl tert-butyl Ether	2.78	73	986007	198.525	ug/L	100
19) 1,1-Dichloroethane	3.21	63	507644	185.755	ug/L	99
20) cis-1,2-Dichloroethene	3.94	96	322781	198.602	ug/L	98
22) 2-Butanone	3.99	43	363887	357.107	ug/L	94
23) Bromochloromethane	4.27	128	182568	205.578	ug/L	97
25) Chloroform	4.40	83	581597	193.620	ug/L	98
27) 1,2-Dichloroethane	5.15	62	508343	197.836	ug/L	99
29) Cyclohexane	4.70	56	405343	177.610	ug/L	99
30) 1,1,1-Trichloroethane	4.63	97	577889	199.814	ug/L	100
31) Carbon tetrachloride	4.85	117	524297	203.507	ug/L	100
33) Benzene	5.12	78	1141291	187.957	ug/L	100
34) Trichloroethene	5.94	95	325937	193.523	ug/L	97
35) Methylcyclohexane	6.15	83	428156	193.005	ug/L	99
37) 1,2-Dichloropropane	6.20	63	275613	184.102	ug/L	100
38) Bromodichloromethane	6.53	83	455730	200.696	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	512806	205.172	ug/L	98
40) 4-Methyl-2-pentanone	7.24	43	738455	364.270	ug/L	99

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42) Toluene	7.41	91	1309199	196.582	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	548338	209.723	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	300227	195.903	ug/L	99
46) Tetrachloroethene	8.00	164	295664	204.347	ug/L	98
48) 2-Hexanone	8.16	43	577140	356.256	ug/L	98
49) Dibromochloromethane	8.27	129	402327	214.662	ug/L	98
50) 1,2-Dibromoethane	8.37	107	329978	201.402	ug/L	96
51) Chlorobenzene	8.90	112	876934	199.105	ug/L	99
52) Ethylbenzene	9.03	91	1477548	200.415	ug/L	100
53) m,p-Xylene	9.16	106	574645	206.501	ug/L	99
54) o-xylene	9.56	106	559875	208.466	ug/L	98
55) Styrene	9.58	104	1007591	212.082	ug/L	99
56) Isopropylbenzene	9.95	105	1509443	209.779	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.26	83	436796	190.898	ug/L	100
59) 1,2,3-Trichloropropane	10.29	75	376156	189.832	ug/L	98
61) Bromoform	9.75	173	331768	204.222	ug/L	98
62) 1,3-Dichlorobenzene	11.20	146	782283	190.360	ug/L	100
63) 1,4-Dichlorobenzene	11.29	146	804895	188.903	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	782333	191.364	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.45	75	126835	185.199	ug/L	95
67) 1,3,5-Trichlorobenzene	12.67	180	599837	197.482	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	586289	207.173	ug/L	100
69) Naphthalene	13.52	128	1530845	199.782	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	576767	206.888	ug/L	99

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

