

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102319\
 Data File : VV013297.D
 Acq On : 23 Oct 2019 11:50
 Operator : SY/MD
 Sample : VSTD20063
 Misc : 5.00ML/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD20063

Quant Time: Oct 24 02:27:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 24 02:21:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	1332049	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	1242270	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	695547	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	1597540	191.65	ug/L	0.00
7) Chloroethane-d5	1.58	69	1253530	186.65	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	2315530	153.01	ug/L	0.00
21) 2-Butanone-d5	3.96	46	2690812	442.18	ug/L	0.00
24) Chloroform-d	4.40	84	3546295	215.37	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	2103877	209.28	ug/L	0.00
32) Benzene-d6	5.09	84	7347528	218.77	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.11	67	2279044	218.53	ug/L	0.00
41) Toluene-d8	7.36	98	6768932	223.92	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	1119107	236.25	ug/L	0.00
47) 2-Hexanone-d5	8.13	63	1810194	462.97	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	3019471	222.73	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	3012395	218.75	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	2106771	200.167	ug/L	99
3) Chloromethane	1.25	50	1584701	142.410	ug/L	100
5) Vinyl chloride	1.32	62	1633061	151.300	ug/L	98
6) Bromomethane	1.53	94	928150	165.027	ug/L	99
8) Chloroethane	1.60	64	910488	144.518	ug/L	99
9) Trichlorofluoromethane	1.77	101	2308032	165.729	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1261237	154.165	ug/L	98
12) 1,1-Dichloroethene	2.13	96	1215764	153.362	ug/L	94
13) Acetone	2.24	43	1889054	346.860	ug/L	58
14) Carbon disulfide	2.31	76	4332794	181.655	ug/L	100
15) Methyl Acetate	2.47	43	1925214	193.574	ug/L	97
16) Methylene chloride	2.53	84	1866534	190.030	ug/L	97
17) trans-1,2-Dichloroethene	2.78	96	1799557	201.044	ug/L	99
18) Methyl tert-butyl Ether	2.80	73	5433210	201.750	ug/L	99
19) 1,1-Dichloroethane	3.23	63	3188402	189.839	ug/L	99
20) cis-1,2-Dichloroethene	3.96	96	2000835	197.915	ug/L	99
22) 2-Butanone	4.05	43	3024046	431.624	ug/L	100
23) Bromochloromethane	4.29	128	1071186	206.234	ug/L	95
25) Chloroform	4.42	83	3250535	191.469	ug/L	99
27) 1,2-Dichloroethane	5.18	62	2402488	186.684	ug/L	97
29) Cyclohexane	4.72	56	3029337	205.410	ug/L	98
30) 1,1,1-Trichloroethane	4.65	97	2818526	203.611	ug/L	99
31) Carbon tetrachloride	4.87	117	2581747	209.298	ug/L	100
33) Benzene	5.14	78	7312425	194.151	ug/L	100
34) Trichloroethene	5.96	95	1951994	195.252	ug/L	99
35) Methylcyclohexane	6.17	83	3231538	212.917	ug/L	99
37) 1,2-Dichloropropane	6.22	63	1862221	191.897	ug/L	100
38) Bromodichloromethane	6.55	83	2481373	199.633	ug/L	100
39) cis-1,3-Dichloropropene	7.07	75	3089404	215.419	ug/L	100
40) 4-Methyl-2-pentanone	7.27	43	5092432	407.314	ug/L	98

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42) Toluene	7.43	91	7633566	197.048	ug/L	98
44) trans-1,3-Dichloropropene	7.69	75	2662755	214.486	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	1819378	196.732	ug/L	99
46) Tetrachloroethene	8.02	164	1758020	217.307	ug/L	99
48) 2-Hexanone	8.18	43	4037056	409.992	ug/L	97
49) Dibromochloromethane	8.29	129	2191365	215.581	ug/L	99
50) 1,2-Dibromoethane	8.39	107	2009733	206.653	ug/L	98
51) Chlorobenzene	8.92	112	5156229	201.504	ug/L	98
52) Ethylbenzene	9.05	91	8442189	203.886	ug/L	97
53) m,p-Xylene	9.18	106	3411951	217.736	ug/L	96
54) o-xylene	9.58	106	3343794	214.258	ug/L	95
55) Styrene	9.60	104	5716389	221.094	ug/L	100
56) Isopropylbenzene	9.97	105	8446860	210.638	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.28	83	2832007	208.521	ug/L	99
59) 1,2,3-Trichloropropane	10.31	75	2285698	193.266	ug/L	100
61) Bromoform	9.77	173	1789346	204.922	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	4382877	195.184	ug/L	98
63) 1,4-Dichlorobenzene	11.31	146	4446564	196.776	ug/L	100
65) 1,2-Dichlorobenzene	11.68	146	4441367	194.388	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.47	75	643061	196.092	ug/L	94
67) 1,3,5-Trichlorobenzene	12.69	180	3564826	220.872	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	3253965	235.699	ug/L	100
69) Naphthalene	13.55	128	8996924	236.995	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	3274235	221.476	ug/L	100

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

