

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091319\
 Data File : VV012731.D
 Acq On : 13 Sep 2019 13:57
 Operator : SY/MD
 Sample : VSTD01064
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01064

Quant Time: Sep 13 18:27:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM091319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 13 18:23:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	721815	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	688165	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	304611	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	41485	10.14	ug/L	0.00
7) Chloroethane-d5	1.58	69	38739	10.58	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	79063	9.94	ug/L	0.00
21) 2-Butanone-d5	3.93	46	85132	20.07	ug/L	0.00
24) Chloroform-d	4.40	84	104708	10.33	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	64632	10.51	ug/L	0.00
32) Benzene-d6	5.10	84	188654	10.27	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	67840	10.47	ug/L	0.00
41) Toluene-d8	7.36	98	162171	9.65	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	25138	9.31	ug/L	0.00
47) 2-Hexanone-d5	8.13	63	37737	15.18	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	78776	9.50	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	71919	10.34	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	41108	8.507	ug/L 99
3) Chloromethane	1.25	50	43223	8.572	ug/L 99
5) Vinyl chloride	1.32	62	42414	8.412	ug/L 99
6) Bromomethane	1.53	94	26819	9.457	ug/L 97
8) Chloroethane	1.60	64	27513	8.736	ug/L 99
9) Trichlorofluoromethane	1.77	101	58894	8.324	ug/L 97
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	36861	8.440	ug/L 99
12) 1,1-Dichloroethene	2.14	96	32459	8.531	ug/L 97
13) Acetone	2.19	43	58565	16.724	ug/L 99
14) Carbon disulfide	2.32	76	68925	8.301	ug/L 98
15) Methyl Acetate	2.46	43	46870	8.432	ug/L 99
16) Methylene chloride	2.54	84	42771	8.567	ug/L 97
17) trans-1,2-Dichloroethene	2.79	96	35339	8.497	ug/L 96
18) Methyl tert-butyl Ether	2.80	73	115292	8.037	ug/L 99
19) 1,1-Dichloroethane	3.23	63	75019	8.345	ug/L 98
20) cis-1,2-Dichloroethene	3.96	96	41960	8.154	ug/L 98
22) 2-Butanone	4.02	43	65419	15.036	ug/L 96
23) Bromochloromethane	4.30	128	21160	8.094	ug/L 91
25) Chloroform	4.43	83	80263	8.498	ug/L 95
27) 1,2-Dichloroethane	5.18	62	59134	8.366	ug/L 96
29) Cyclohexane	4.73	56	49742	7.614	ug/L 98
30) 1,1,1-Trichloroethane	4.66	97	60873	8.460	ug/L 99
31) Carbon tetrachloride	4.87	117	51360	8.290	ug/L 98
33) Benzene	5.15	78	153249	8.187	ug/L 100
34) Trichloroethene	5.96	95	47512	8.732	ug/L 97
35) Methylcyclohexane	6.18	83	51808	7.548	ug/L 97
37) 1,2-Dichloropropane	6.22	63	44901	8.341	ug/L # 96
38) Bromodichloromethane	6.55	83	56768	8.193	ug/L 99
39) cis-1,3-Dichloropropene	7.07	75	57562	7.638	ug/L 99
40) 4-Methyl-2-pentanone	7.27	43	110752	14.866	ug/L 97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091319\
 Data File : VV012731.D
 Acq On : 13 Sep 2019 13:57
 Operator : SY/MD
 Sample : VSTD01064
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01064

Quant Time: Sep 13 18:27:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM091319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 13 18:23:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	151778	7.808	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	50591	7.614	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	42861	8.161	ug/L	99
46) Tetrachloroethene	8.02	164	31011	8.216	ug/L	98
48) 2-Hexanone	8.18	43	91621	14.957	ug/L	97
49) Dibromochloromethane	8.29	129	42991	7.812	ug/L	99
50) 1,2-Dibromoethane	8.40	107	41823	8.266	ug/L	98
51) Chlorobenzene	8.92	112	107978	8.108	ug/L	99
52) Ethylbenzene	9.05	91	159200	7.450	ug/L	100
53) m,p-Xylene	9.18	106	56368	7.162	ug/L	100
54) o-xylene	9.59	106	57870	7.243	ug/L	99
55) Styrene	9.60	104	95022	7.012	ug/L	99
56) Isopropylbenzene	9.97	105	148765	7.087	ug/L	98
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	54280	7.569	ug/L	99
59) 1,2,3-Trichloropropane	10.31	75	56364	8.226	ug/L	99
61) Bromoform	9.77	173	30804	8.375	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	77212	8.206	ug/L	98
63) 1,4-Dichlorobenzene	11.31	146	81406	8.435	ug/L	97
65) 1,2-Dichlorobenzene	11.69	146	82793	8.369	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.47	75	9972	7.551	ug/L	89
67) 1,3,5-Trichlorobenzene	12.69	180	55317	7.958	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	43310	7.375	ug/L	98
69) Naphthalene	13.55	128	110597	6.514	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	48450	7.600	ug/L	99

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

