

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081019\
 Data File : VV012157.D
 Acq On : 09 Aug 2019 17:31
 Operator : SY/MD
 Sample : VSTD01065
 Misc : 5mL/MSVOA V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01065

Quant Time: Aug 10 04:51:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081019WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 10 04:48:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	303655	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	281901	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	141308	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	10322	3.83	ug/L	0.00
7) Chloroethane-d5	1.57	69	6924	2.41	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	19344	2.49	ug/L	0.00
21) 2-Butanone-d5	3.93	46	9729	7.98	ug/L	0.00
24) Chloroform-d	4.40	84	22113	5.67	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	13185	5.12	ug/L	0.00
32) Benzene-d6	5.10	84	41678	5.94	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	11215	5.28	ug/L	0.00
41) Toluene-d8	7.36	98	39353	5.73	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	5977	6.00	ug/L	0.00
47) 2-Hexanone-d5	8.13	63	7801	9.01	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	15521	4.53	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	16314	5.47	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	24031	8.981	ug/L 99
3) Chloromethane	1.25	50	17044	6.363	ug/L 99
5) Vinyl chloride	1.32	62	15390	4.368	ug/L 99
6) Bromomethane	1.52	94	9274	3.180	ug/L 99
8) Chloroethane	1.59	64	8178	3.037	ug/L 98
9) Trichlorofluoromethane	1.76	101	25675	3.456	ug/L 96
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	12701	3.145	ug/L 99
12) 1,1-Dichloroethene	2.14	96	11495	3.206	ug/L 98
13) Acetone	2.19	43	14752	9.461	ug/L 97
14) Carbon disulfide	2.32	76	39350	7.348	ug/L 98
15) Methyl Acetate	2.46	43	14481	6.985	ug/L 98
16) Methylene chloride	2.53	84	17249	7.562	ug/L 96
17) trans-1,2-Dichloroethene	2.79	96	16515	7.761	ug/L 92
18) Methyl tert-butyl Ether	2.80	73	51742	8.016	ug/L 99
19) 1,1-Dichloroethane	3.23	63	28600	7.449	ug/L 96
20) cis-1,2-Dichloroethene	3.96	96	18757	7.899	ug/L 91
22) 2-Butanone	4.02	43	21212	13.583	ug/L 94
23) Bromochloromethane	4.30	128	10311	8.517	ug/L 97
25) Chloroform	4.42	83	32904	7.838	ug/L 98
27) 1,2-Dichloroethane	5.18	62	26233	7.679	ug/L 100
29) Cyclohexane	4.72	56	23682	7.747	ug/L 99
30) 1,1,1-Trichloroethane	4.66	97	30137	9.394	ug/L 99
31) Carbon tetrachloride	4.87	117	27931	9.903	ug/L 98
33) Benzene	5.14	78	65506	7.996	ug/L 100
34) Trichloroethene	5.96	95	18068	8.726	ug/L 98
35) Methylcyclohexane	6.17	83	26814	7.872	ug/L 97
37) 1,2-Dichloropropane	6.22	63	15615	7.480	ug/L 99
38) Bromodichloromethane	6.55	83	23797	8.764	ug/L 99
39) cis-1,3-Dichloropropene	7.07	75	25377	8.283	ug/L 94
40) 4-Methyl-2-pentanone	7.27	43	38046	13.559	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) Toluene	7.43	91	71992	7.733	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	22476	7.855	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	17622	8.483	ug/L	97
46) Tetrachloroethene	8.02	164	17380	9.960	ug/L	96
48) 2-Hexanone	8.18	43	28124	13.412	ug/L	98
49) Dibromochloromethane	8.29	129	21090	9.266	ug/L	94
50) 1,2-Dibromoethane	8.40	107	18973	8.558	ug/L	98
51) Chlorobenzene	8.92	112	50100	8.054	ug/L	98
52) Ethylbenzene	9.05	91	78906	7.507	ug/L	98
53) m,p-Xylene	9.18	106	29560	7.203	ug/L	99
54) o-xylene	9.59	106	29985	7.192	ug/L	99
55) Styrene	9.60	104	50256	7.257	ug/L	97
56) Isopropylbenzene	9.97	105	78750	7.356	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	26290	7.145	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	20999	7.469	ug/L	99
61) Bromoform	9.77	173	15844	9.413	ug/L	96
62) 1,3-Dichlorobenzene	11.23	146	40196	8.253	ug/L	97
63) 1,4-Dichlorobenzene	11.32	146	40287	7.989	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	40266	7.886	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.48	75	6067	9.009	ug/L	95
67) 1,3,5-Trichlorobenzene	12.69	180	29552	8.759	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	22954	8.393	ug/L	99
69) Naphthalene	13.55	128	57004	7.820	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	24158	8.722	ug/L	99

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

