

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081019\
 Data File : VV012158.D
 Acq On : 09 Aug 2019 17:56
 Operator : SY/MD
 Sample : VSTD05066
 Misc : 5mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05066

Quant Time: Aug 10 04:51:29 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	299830	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	276022	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	144858	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	55833	21.00	ug/L	0.00
7) Chloroethane-d5	1.57	69	36668	12.94	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	110025	14.34	ug/L	0.00
21) 2-Butanone-d5	3.92	46	58767	48.84	ug/L	0.00
24) Chloroform-d	4.40	84	115024	29.84	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	66480	26.13	ug/L	0.00
32) Benzene-d6	5.10	84	222706	32.40	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	59568	28.64	ug/L	0.00
41) Toluene-d8	7.36	98	211765	31.50	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	31645	32.45	ug/L	0.00
47) 2-Hexanone-d5	8.13	63	48070	56.69	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	82684	24.67	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	84187	27.55	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	129693	49.089 ug/L	100
3) Chloromethane	1.25	50	94539	35.742 ug/L	100
5) Vinyl chloride	1.32	62	88269	25.375 ug/L	100
6) Bromomethane	1.52	94	51180	17.774 ug/L	100
8) Chloroethane	1.59	64	47178	17.746 ug/L	100
9) Trichlorofluoromethane	1.77	101	148717	20.273 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	70500	17.678 ug/L	100
12) 1,1-Dichloroethene	2.14	96	65570	18.522 ug/L	100
13) Acetone	2.18	43	91007	59.108 ug/L	100
14) Carbon disulfide	2.32	76	231998	43.872 ug/L	100
15) Methyl Acetate	2.45	43	87300	42.649 ug/L	100
16) Methylene chloride	2.53	84	96615	42.898 ug/L	100
17) trans-1,2-Dichloroethene	2.79	96	94540	44.993 ug/L	100
18) Methyl tert-butyl Ether	2.80	73	306647	48.110 ug/L	100
19) 1,1-Dichloroethane	3.23	63	164270	43.332 ug/L	100
20) cis-1,2-Dichloroethene	3.96	96	106969	45.621 ug/L	100
22) 2-Butanone	4.01	43	128315	83.217 ug/L	100
23) Bromochloromethane	4.30	128	60240	50.396 ug/L	100
25) Chloroform	4.42	83	183926	44.369 ug/L	100
27) 1,2-Dichloroethane	5.18	62	145897	43.250 ug/L	100
29) Cyclohexane	4.72	56	139626	46.645 ug/L	100
30) 1,1,1-Trichloroethane	4.66	97	173571	55.257 ug/L	100
31) Carbon tetrachloride	4.87	117	161921	58.635 ug/L	100
33) Benzene	5.14	78	379970	47.372 ug/L	100
34) Trichloroethene	5.96	95	103498	51.050 ug/L	100
35) Methylcyclohexane	6.18	83	159472	47.815 ug/L	100
37) 1,2-Dichloropropane	6.22	63	91503	44.765 ug/L	100
38) Bromodichloromethane	6.55	83	139557	52.492 ug/L	100
39) cis-1,3-Dichloropropene	7.07	75	159463	53.160 ug/L	100
40) 4-Methyl-2-pentanone	7.27	43	237933	86.604 ug/L	100

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42) Toluene	7.43	91	422981	46.403	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	144877	51.712	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	100309	49.315	ug/L	100
46) Tetrachloroethene	8.02	164	97231	56.906	ug/L	100
48) 2-Hexanone	8.18	43	181982	88.631	ug/L	100
49) Dibromochloromethane	8.29	129	127459	57.192	ug/L	100
50) 1,2-Dibromoethane	8.39	107	109280	50.344	ug/L	100
51) Chlorobenzene	8.92	112	284132	46.648	ug/L	100
52) Ethylbenzene	9.05	91	471111	45.778	ug/L	100
53) m,p-Xylene	9.18	106	183471	45.658	ug/L	100
54) o-xylene	9.59	106	184781	45.263	ug/L	100
55) Styrene	9.60	104	309796	45.688	ug/L	100
56) Isopropylbenzene	9.97	105	486120	46.378	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.28	83	153426	42.587	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	119215	43.306	ug/L	100
61) Bromoform	9.78	173	101987	59.108	ug/L	100
62) 1,3-Dichlorobenzene	11.22	146	235848	47.237	ug/L	100
63) 1,4-Dichlorobenzene	11.32	146	230515	44.592	ug/L	100
65) 1,2-Dichlorobenzene	11.69	146	240747	45.994	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	37090	53.725	ug/L	100
67) 1,3,5-Trichlorobenzene	12.69	180	181510	52.479	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	153678	54.813	ug/L	100
69) Naphthalene	13.55	128	453453	60.685	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	162317	57.166	ug/L	100

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

