

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081219\
 Data File : VV012201.D
 Acq On : 12 Aug 2019 11:45
 Operator : SY/MD
 Sample : VSTD05062
 Misc : 5mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05062

Quant Time: Aug 12 14:04:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081219WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Aug 12 14:00:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	496879	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	480307	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	252167	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	158174	75.66	ug/L	0.00
7) Chloroethane-d5	1.58	69	137049	93.19	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	302814	76.91	ug/L	0.00
21) 2-Butanone-d5	3.92	46	284183	222.47	ug/L	0.00
24) Chloroform-d	4.40	84	364364	81.10	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	227676	85.99	ug/L	0.00
32) Benzene-d6	5.10	84	745698	83.98	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.11	67	231885	91.34	ug/L	0.00
41) Toluene-d8	7.36	98	683695	81.84	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	114343	85.66	ug/L	0.00
47) 2-Hexanone-d5	8.13	63	205636	201.81	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	327344	93.23	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	285161	80.67	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	224936	52.827	ug/L	100
3) Chloromethane	1.25	50	204332	64.517	ug/L	100
5) Vinyl chloride	1.32	62	207431	69.334	ug/L	100
6) Bromomethane	1.53	94	113996	65.961	ug/L	100
8) Chloroethane	1.60	64	118381	73.994	ug/L	100
9) Trichlorofluoromethane	1.77	101	275608	57.311	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	157478	66.926	ug/L	100
12) 1,1-Dichloroethene	2.14	96	147624	67.974	ug/L	100
13) Acetone	2.18	43	220536	151.899	ug/L	100
14) Carbon disulfide	2.32	76	464413	61.176	ug/L	100
15) Methyl Acetate	2.45	43	180874	63.855	ug/L	100
16) Methylene chloride	2.53	84	180950	57.097	ug/L	100
17) trans-1,2-Dichloroethene	2.79	96	170684	56.949	ug/L	100
18) Methyl tert-butyl Ether	2.80	73	514634	54.201	ug/L	100
19) 1,1-Dichloroethane	3.23	63	316658	59.344	ug/L	100
20) cis-1,2-Dichloroethene	3.96	96	189133	55.812	ug/L	100
22) 2-Butanone	4.00	43	287885	136.756	ug/L	100
23) Bromochloromethane	4.30	128	96547	52.687	ug/L	100
25) Chloroform	4.42	83	327531	55.517	ug/L	100
27) 1,2-Dichloroethane	5.18	62	246928	53.836	ug/L	100
29) Cyclohexane	4.72	56	294937	63.010	ug/L	100
30) 1,1,1-Trichloroethane	4.66	97	279250	50.710	ug/L	100
31) Carbon tetrachloride	4.87	117	254540	49.800	ug/L	100
33) Benzene	5.14	78	716127	57.955	ug/L	100
34) Trichloroethene	5.96	95	182826	54.991	ug/L	100
35) Methylcyclohexane	6.18	83	316005	59.462	ug/L	100
37) 1,2-Dichloropropane	6.22	63	178796	59.626	ug/L	100
38) Bromodichloromethane	6.55	83	244662	53.981	ug/L	100
39) cis-1,3-Dichloropropene	7.07	75	283212	55.977	ug/L	100
40) 4-Methyl-2-pentanone	7.27	43	486111	124.776	ug/L	100

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42) Toluene	7.43	91	777477	57.178	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	262788	57.240	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	176022	54.356	ug/L	100
46) Tetrachloroethene	8.02	164	160138	51.139	ug/L	100
48) 2-Hexanone	8.18	43	398566	132.895	ug/L	100
49) Dibromochloromethane	8.29	129	204370	50.816	ug/L	100
50) 1,2-Dibromoethane	8.39	107	189688	53.731	ug/L	100
51) Chlorobenzene	8.92	112	500719	54.398	ug/L	100
52) Ethylbenzene	9.05	91	856126	56.545	ug/L	100
53) m,p-Xylene	9.18	106	336005	56.227	ug/L	100
54) o-xylene	9.59	106	324676	55.312	ug/L	100
55) Styrene	9.60	104	560488	56.745	ug/L	100
56) Isopropylbenzene	9.97	105	844182	54.608	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.28	83	287176	57.061	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	219841	55.100	ug/L	100
61) Bromoform	9.77	173	147831	47.384	ug/L	100
62) 1,3-Dichlorobenzene	11.22	146	408426	53.392	ug/L	100
63) 1,4-Dichlorobenzene	11.32	146	414309	53.962	ug/L	100
65) 1,2-Dichlorobenzene	11.69	146	409246	53.173	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.47	75	60516	51.169	ug/L	100
67) 1,3,5-Trichlorobenzene	12.69	180	314261	52.175	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	260673	52.385	ug/L	100
69) Naphthalene	13.55	128	767913	55.313	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	274611	52.587	ug/L	100

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

