

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081019\
 Data File : VV012159.D
 Acq On : 09 Aug 2019 18:20
 Operator : SY/MD
 Sample : VSTD10061
 Misc : 5mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD10061

Quant Time: Aug 10 04:51:55 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	296015	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	281436	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	152144	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	113300	43.17	ug/L	0.00
7) Chloroethane-d5	1.57	69	70240	25.11	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	220943	29.17	ug/L	0.00
21) 2-Butanone-d5	3.92	46	117267	98.72	ug/L	0.00
24) Chloroform-d	4.40	84	231764	60.91	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	132319	52.68	ug/L	0.00
32) Benzene-d6	5.10	84	454437	64.85	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	120512	56.82	ug/L	0.00
41) Toluene-d8	7.36	98	427063	62.31	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	66899	67.28	ug/L	0.00
47) 2-Hexanone-d5	8.13	63	98700	114.15	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	167756	49.09	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	175138	54.58	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	276028	105.824	ug/L 100
3) Chloromethane	1.25	50	200280	76.694	ug/L 99
5) Vinyl chloride	1.32	62	183866	53.537	ug/L 99
6) Bromomethane	1.51	94	105881	37.246	ug/L 98
8) Chloroethane	1.59	64	92871	35.384	ug/L 99
9) Trichlorofluoromethane	1.76	101	310605	42.888	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	145629	36.987	ug/L 99
12) 1,1-Dichloroethene	2.14	96	136312	39.001	ug/L 96
13) Acetone	2.18	43	159357	104.834	ug/L 97
14) Carbon disulfide	2.31	76	496843	95.166	ug/L 100
15) Methyl Acetate	2.45	43	181954	90.036	ug/L 99
16) Methylene chloride	2.53	84	206729	92.972	ug/L 98
17) trans-1,2-Dichloroethene	2.79	96	197570	95.239	ug/L 98
18) Methyl tert-butyl Ether	2.80	73	647399	102.881	ug/L 100
19) 1,1-Dichloroethane	3.23	63	345159	92.221	ug/L 98
20) cis-1,2-Dichloroethene	3.96	96	226809	97.977	ug/L 98
22) 2-Butanone	4.01	43	271145	178.113	ug/L 95
23) Bromochloromethane	4.30	128	124763	105.721	ug/L 98
25) Chloroform	4.42	83	384819	94.027	ug/L 99
27) 1,2-Dichloroethane	5.18	62	303912	91.253	ug/L 100
29) Cyclohexane	4.72	56	299696	98.194	ug/L 99
30) 1,1,1-Trichloroethane	4.66	97	363186	113.397	ug/L 99
31) Carbon tetrachloride	4.87	117	340831	121.048	ug/L 99
33) Benzene	5.14	78	791825	96.820	ug/L 100
34) Trichloroethene	5.96	95	216080	104.530	ug/L 99
35) Methylcyclohexane	6.18	83	340808	100.220	ug/L 99
37) 1,2-Dichloropropane	6.22	63	189402	90.876	ug/L 98
38) Bromodichloromethane	6.55	83	301120	111.083	ug/L 99
39) cis-1,3-Dichloropropene	7.07	75	344498	112.636	ug/L 99
40) 4-Methyl-2-pentanone	7.27	43	512086	182.807	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	890345	95.795	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	315331	110.388	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	209921	101.217	ug/L	99
46) Tetrachloroethene	8.02	164	206735	118.667	ug/L	97
48) 2-Hexanone	8.18	43	388255	185.455	ug/L	99
49) Dibromochloromethane	8.29	129	273557	120.386	ug/L	99
50) 1,2-Dibromoethane	8.39	107	231054	104.395	ug/L	100
51) Chlorobenzene	8.92	112	600540	96.698	ug/L	98
52) Ethylbenzene	9.05	91	1006079	95.881	ug/L	100
53) m,p-Xylene	9.18	106	399627	97.536	ug/L	96
54) o-xylene	9.59	106	393184	94.461	ug/L	99
55) Styrene	9.60	104	669804	96.881	ug/L	98
56) Isopropylbenzene	9.97	105	1042173	97.515	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.28	83	327836	89.249	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	257069	91.586	ug/L	98
61) Bromoform	9.77	173	220391	121.614	ug/L	98
62) 1,3-Dichlorobenzene	11.23	146	512581	97.746	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	510069	93.945	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	522108	94.970	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.47	75	81325	112.159	ug/L	96
67) 1,3,5-Trichlorobenzene	12.69	180	411772	113.352	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	357050	121.253	ug/L	99
69) Naphthalene	13.55	128	1070506	136.403	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	377064	126.439	ug/L	98

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

