

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV032120\
 Data File : VV015099.D
 Acq On : 21 Mar 2020 21:21
 Operator : SY/MD
 Sample : VSTD05061
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 23 05:44:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Mar 23 05:34:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	296442	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	291640	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	201380	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	75719	54.67	ug/L	0.00
7) Chloroethane-d5	1.58	69	99677	91.77	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	314963	133.05	ug/L	0.00
21) 2-Butanone-d5	3.94	46	123216	131.22	ug/L	0.01
24) Chloroform-d	4.38	84	190540	53.73	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	117724	52.74	ug/L	0.00
32) Benzene-d6	5.08	84	381391	55.11	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.10	67	109824	54.23	ug/L	0.00
41) Toluene-d8	7.34	98	388560	55.77	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.64	79	59124	54.62	ug/L	0.00
47) 2-Hexanone-d5	8.11	63	105898	113.49	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	169240	55.54	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	171748	42.48	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	108767	42.919	ug/L	98
3) Chloromethane	1.25	50	69957	40.608	ug/L	100
5) Vinyl chloride	1.32	62	72295	43.394	ug/L	99
6) Bromomethane	1.53	94	52375	48.447	ug/L	100
8) Chloroethane	1.60	64	80001	89.118	ug/L	97
9) Trichlorofluoromethane	1.77	101	240065	90.569	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	138450	108.602	ug/L	90
12) 1,1-Dichloroethene	2.13	96	141756	117.505	ug/L	81
13) Acetone	2.22	43	151733	194.288	ug/L	76
14) Carbon disulfide	2.31	76	287449	67.242	ug/L	100
15) Methyl Acetate	2.46	43	84575	63.301	ug/L	99
16) Methylene chloride	2.53	84	95662	50.040	ug/L	98
17) trans-1,2-Dichloroethene	2.78	96	90043	49.726	ug/L	94
18) Methyl tert-butyl Ether	2.79	73	295545	53.018	ug/L	99
19) 1,1-Dichloroethane	3.22	63	154598	49.688	ug/L	97
20) cis-1,2-Dichloroethene	3.94	96	102523	50.663	ug/L	99
22) 2-Butanone	4.02	43	119631	113.133	ug/L	97
23) Bromochloromethane	4.28	128	57865	52.575	ug/L	94
25) Chloroform	4.41	83	177222	50.930	ug/L	98
27) 1,2-Dichloroethane	5.16	62	135539	52.160	ug/L	97
29) Cyclohexane	4.70	56	114955	43.902	ug/L	98
30) 1,1,1-Trichloroethane	4.64	97	157051	49.918	ug/L	98
31) Carbon tetrachloride	4.86	117	140440	49.672	ug/L	99
33) Benzene	5.13	78	371579	52.048	ug/L	100
34) Trichloroethene	5.94	95	95239	49.244	ug/L	99
35) Methylcyclohexane	6.16	83	130707	42.590	ug/L	97
37) 1,2-Dichloropropane	6.20	63	89034	51.571	ug/L	99
38) Bromodichloromethane	6.53	83	133712	53.106	ug/L	98
39) cis-1,3-Dichloropropene	7.05	75	153448	53.080	ug/L	94
40) 4-Methyl-2-pentanone	7.25	43	250098	104.576	ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.41	91	429230	53.184	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	141937	54.204	ug/L	98
45) 1,1,2-Trichloroethane	7.86	97	104533	55.541	ug/L	97
46) Tetrachloroethene	8.00	164	94900	51.678	ug/L	99
48) 2-Hexanone	8.16	43	201158	112.603	ug/L	98
49) Dibromochloromethane	8.27	129	120536	55.105	ug/L	100
50) 1,2-Dibromoethane	8.38	107	113491	54.029	ug/L	97
51) Chlorobenzene	8.90	112	299819	52.837	ug/L	99
52) Ethylbenzene	9.03	91	474222	51.728	ug/L	100
53) m,p-Xylene	9.16	106	190229	53.002	ug/L	98
54) o-xylene	9.57	106	188739	53.103	ug/L	99
55) Styrene	9.58	104	332917	55.772	ug/L	97
56) Isopropylbenzene	9.95	105	481682	52.034	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.26	83	163934	53.551	ug/L	98
59) 1,2,3-Trichloropropane	10.30	75	132063	54.426	ug/L	100
61) Bromoform	9.75	173	95005	47.714	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	331733	54.727	ug/L	98
63) 1,4-Dichlorobenzene	11.30	146	326864	51.804	ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	266031	41.320	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	37863	42.080	ug/L	96
67) 1,3,5-Trichlorobenzene	12.67	180	206481	43.053	ug/L	98
68) 1,2,4-trichlorobenzene	13.29	180	191095	43.267	ug/L	100
69) Naphthalene	13.52	128	288011	49.945	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	208749	48.109	ug/L	99

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

