

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV073020\
 Data File : VV017742.D
 Acq On : 30 Jul 2020 10:57
 Operator : SY/MD
 Sample : VSTD05063
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05063

Quant Time: Jul 31 02:00:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM073020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 31 01:58:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	352406	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	337287	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	190428	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	84347	40.96	ug/L	0.00
7) Chloroethane-d5	1.58	69	71052	47.88	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	207160	48.26	ug/L	0.00
21) 2-Butanone-d5	3.91	46	133207	84.51	ug/L	0.00
24) Chloroform-d	4.37	84	240383	48.94	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.05	65	175057	51.30	ug/L	0.00
32) Benzene-d6	5.07	84	411933	46.50	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.09	67	115844	44.18	ug/L	0.00
41) Toluene-d8	7.33	98	410830	48.81	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.64	79	74405	48.06	ug/L	0.00
47) 2-Hexanone-d5	8.11	63	98788	83.97	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.23	84	165544	44.34	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	190068	48.66	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	176914	48.772	ug/L 100
3) Chloromethane	1.25	50	114693	42.692	ug/L 100
5) Vinyl chloride	1.32	62	122948	47.076	ug/L 100
6) Bromomethane	1.53	94	71335	43.869	ug/L 100
8) Chloroethane	1.59	64	72635	52.125	ug/L 100
9) Trichlorofluoromethane	1.76	101	245280	54.595	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	111623	51.048	ug/L 100
12) 1,1-Dichloroethene	2.13	96	104548	51.626	ug/L 100
13) Acetone	2.19	43	164844	108.339	ug/L 100
14) Carbon disulfide	2.31	76	321413	44.939	ug/L 100
15) Methyl Acetate	2.44	43	103662	42.647	ug/L 100
16) Methylene chloride	2.52	84	121273	46.195	ug/L 100
17) trans-1,2-Dichloroethene	2.78	96	115591	46.448	ug/L 100
18) Methyl tert-butyl Ether	2.78	73	398841	47.790	ug/L 100
19) 1,1-Dichloroethane	3.21	63	205658	46.161	ug/L 100
20) cis-1,2-Dichloroethene	3.93	96	125616	47.072	ug/L 100
22) 2-Butanone	3.99	43	165124	92.177	ug/L 100
23) Bromochloromethane	4.27	128	70807	47.836	ug/L 100
25) Chloroform	4.40	83	239024	49.076	ug/L 100
27) 1,2-Dichloroethane	5.15	62	219896	52.188	ug/L 100
29) Cyclohexane	4.70	56	174463	44.237	ug/L 100
30) 1,1,1-Trichloroethane	4.63	97	240074	51.344	ug/L 100
31) Carbon tetrachloride	4.85	117	220887	52.007	ug/L 100
33) Benzene	5.12	78	464642	47.496	ug/L 100
34) Trichloroethene	5.94	95	129819	47.887	ug/L 100
35) Methylcyclohexane	6.15	83	195202	46.703	ug/L 100
37) 1,2-Dichloropropane	6.19	63	105558	42.902	ug/L 100
38) Bromodichloromethane	6.53	83	189344	50.660	ug/L 100
39) cis-1,3-Dichloropropene	7.05	75	195251	46.865	ug/L 100
40) 4-Methyl-2-pentanone	7.24	43	287385	85.368	ug/L 100

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42) Toluene	7.41	91	524880	48.625	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	208077	49.396	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	118602	46.987	ug/L	100
46) Tetrachloroethene	7.99	164	115391	49.858	ug/L	100
48) 2-Hexanone	8.16	43	246220	91.078	ug/L	100
49) Dibromochloromethane	8.27	129	159614	50.969	ug/L	100
50) 1,2-Dibromoethane	8.37	107	129257	47.163	ug/L	100
51) Chlorobenzene	8.90	112	349394	48.619	ug/L	100
52) Ethylbenzene	9.03	91	597895	49.326	ug/L	100
53) m,p-Xylene	9.16	106	229383	49.449	ug/L	100
54) o-xylene	9.56	106	223688	49.658	ug/L	100
55) Styrene	9.58	104	388053	50.503	ug/L	100
56) Isopropylbenzene	9.95	105	613222	50.206	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.26	83	171451	43.937	ug/L	100
59) 1,2,3-Trichloropropane	10.29	75	149796	45.709	ug/L	100
61) Bromoform	9.75	173	117569	47.920	ug/L	100
62) 1,3-Dichlorobenzene	11.20	146	305491	48.263	ug/L	100
63) 1,4-Dichlorobenzene	11.29	146	311717	48.143	ug/L	100
65) 1,2-Dichlorobenzene	11.67	146	311750	48.644	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.45	75	46607	45.026	ug/L	100
67) 1,3,5-Trichlorobenzene	12.67	180	246877	49.179	ug/L	100
68) 1,2,4-trichlorobenzene	13.28	180	221330	49.631	ug/L	100
69) Naphthalene	13.52	128	584924	47.881	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	215931	48.798	ug/L	100

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

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