

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072120\
 Data File : VV017564.D
 Acq On : 21 Jul 2020 14:39
 Operator : SY/MD
 Sample : VSTD10063
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD10063

Quant Time: Jul 22 02:38:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM072120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 22 02:35:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	344849	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	331043	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	185116	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	212162	108.88	ug/L	0.00
7) Chloroethane-d5	1.58	69	139479	90.38	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	422230	91.23	ug/L	0.00
21) 2-Butanone-d5	3.90	46	338321	232.71	ug/L	0.00
24) Chloroform-d	4.38	84	492363	108.86	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.05	65	331607	108.16	ug/L	0.00
32) Benzene-d6	5.07	84	895166	117.30	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.09	67	270132	118.62	ug/L	0.00
41) Toluene-d8	7.34	98	853546	118.05	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.64	79	158462	115.56	ug/L	0.00
47) 2-Hexanone-d5	8.11	63	261922	247.63	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	377596	116.43	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	376780	107.96	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	347205	105.279 ug/L	99
3) Chloromethane	1.25	50	257595	97.812 ug/L	100
5) Vinyl chloride	1.32	62	250475	91.454 ug/L	99
6) Bromomethane	1.53	94	151956	86.493 ug/L	98
8) Chloroethane	1.59	64	123625	81.190 ug/L	100
9) Trichlorofluoromethane	1.76	101	425897	90.412 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	206293	82.709 ug/L	98
12) 1,1-Dichloroethene	2.13	96	190809	84.577 ug/L	97
13) Acetone	2.19	43	243194	144.278 ug/L	98
14) Carbon disulfide	2.31	76	691343	106.317 ug/L	99
15) Methyl Acetate	2.44	43	248422	98.591 ug/L	97
16) Methylene chloride	2.52	84	247423	93.643 ug/L	97
17) trans-1,2-Dichloroethene	2.78	96	236480	102.748 ug/L	98
18) Methyl tert-butyl Ether	2.78	73	798300	98.597 ug/L	100
19) 1,1-Dichloroethane	3.21	63	433156	101.752 ug/L	99
20) cis-1,2-Dichloroethene	3.94	96	259657	103.901 ug/L	97
22) 2-Butanone	3.99	43	359615	222.178 ug/L	99
23) Bromochloromethane	4.27	128	142530	102.817 ug/L	97
25) Chloroform	4.40	83	466966	99.271 ug/L	100
27) 1,2-Dichloroethane	5.15	62	395937	98.468 ug/L	99
29) Cyclohexane	4.70	56	394522	117.630 ug/L	98
30) 1,1,1-Trichloroethane	4.63	97	453003	101.323 ug/L	100
31) Carbon tetrachloride	4.85	117	408370	99.831 ug/L	99
33) Benzene	5.12	78	955077	108.035 ug/L	100
34) Trichloroethene	5.94	95	260668	107.250 ug/L	99
35) Methylcyclohexane	6.15	83	417401	114.784 ug/L	98
37) 1,2-Dichloropropane	6.20	63	237106	105.403 ug/L	98
38) Bromodichloromethane	6.53	83	361426	101.667 ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	424034	112.842 ug/L	99
40) 4-Methyl-2-pentanone	7.24	43	680023	218.234 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.41	91	1047632	107.452	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	421825	107.471	ug/L	98
45) 1,1,2-Trichloroethane	7.86	97	243214	100.956	ug/L	99
46) Tetrachloroethene	8.00	164	223408	105.774	ug/L	99
48) 2-Hexanone	8.16	43	541777	218.000	ug/L	99
49) Dibromochloromethane	8.27	129	300953	100.433	ug/L	99
50) 1,2-Dibromoethane	8.37	107	264796	101.032	ug/L	99
51) Chlorobenzene	8.90	112	687368	101.202	ug/L	98
52) Ethylbenzene	9.03	91	1196054	104.944	ug/L	100
53) m,p-Xylene	9.16	106	458855	107.848	ug/L	98
54) o-xylene	9.56	106	441392	106.771	ug/L	98
55) Styrene	9.58	104	764553	108.509	ug/L	97
56) Isopropylbenzene	9.95	105	1214297	108.908	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.26	83	381028	105.430	ug/L	99
59) 1,2,3-Trichloropropane	10.30	75	317145	103.126	ug/L	99
61) Bromoform	9.75	173	235598	99.208	ug/L	100
62) 1,3-Dichlorobenzene	11.20	146	593998	100.390	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	601803	97.800	ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	596593	97.426	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	101549	91.387	ug/L	97
67) 1,3,5-Trichlorobenzene	12.67	180	475862	100.944	ug/L	100
68) 1,2,4-trichlorobenzene	13.28	180	432236	102.470	ug/L	99
69) Naphthalene	13.52	128	1263335	106.130	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	421865	100.458	ug/L	99

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

