

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100920\
 Data File : VV018776.D
 Acq On : 08 Oct 2020 21:04
 Operator : SY/MD
 Sample : VSTD10063
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD10063

Quant Time: Oct 08 23:38:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 08 23:30:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	341981	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	302383	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	182241	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	302604	137.77	ug/L	0.00
7) Chloroethane-d5	1.57	69	231072	128.09	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	563957	128.26	ug/L	0.00
21) 2-Butanone-d5	3.90	46	405745	261.34	ug/L	0.00
24) Chloroform-d	4.37	84	539690	120.56	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.05	65	374092	129.26	ug/L	0.00
32) Benzene-d6	5.07	84	1081548	135.51	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.09	67	349117	139.36	ug/L	0.00
41) Toluene-d8	7.33	98	921539	123.82	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.64	79	169468	130.50	ug/L	0.00
47) 2-Hexanone-d5	8.10	63	281121	308.68	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.23	84	429917	135.73	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	408208	113.68	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	197754	87.626	ug/L 99
3) Chloromethane	1.25	50	262263	104.947	ug/L 99
5) Vinyl chloride	1.32	62	274867	104.212	ug/L 100
6) Bromomethane	1.53	94	155852	89.416	ug/L 98
8) Chloroethane	1.59	64	175477	106.796	ug/L 98
9) Trichlorofluoromethane	1.76	101	394538	99.388	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	217185	97.484	ug/L 100
12) 1,1-Dichloroethene	2.13	96	210467	98.349	ug/L 96
13) Acetone	2.18	43	280536	213.917	ug/L 99
14) Carbon disulfide	2.31	76	628740	92.727	ug/L 100
15) Methyl Acetate	2.44	43	284495	111.824	ug/L 99
16) Methylene chloride	2.52	84	235557	91.973	ug/L 99
17) trans-1,2-Dichloroethene	2.78	96	212649	89.931	ug/L 99
18) Methyl tert-butyl Ether	2.78	73	738838	100.472	ug/L 99
19) 1,1-Dichloroethane	3.21	63	434698	101.841	ug/L 100
20) cis-1,2-Dichloroethene	3.94	96	241012	95.379	ug/L 97
22) 2-Butanone	3.98	43	378547	235.506	ug/L 93
23) Bromochloromethane	4.27	128	122459	89.019	ug/L 98
25) Chloroform	4.40	83	468936	104.674	ug/L 99
27) 1,2-Dichloroethane	5.15	62	400984	113.636	ug/L 98
29) Cyclohexane	4.70	56	400249	116.693	ug/L 100
30) 1,1,1-Trichloroethane	4.63	97	414430	111.087	ug/L 99
31) Carbon tetrachloride	4.85	117	348804	105.018	ug/L 99
33) Benzene	5.12	78	1018383	114.990	ug/L 100
34) Trichloroethene	5.94	95	266885	102.509	ug/L 99
35) Methylcyclohexane	6.15	83	359182	103.935	ug/L 99
37) 1,2-Dichloropropane	6.20	63	265886	113.889	ug/L 100
38) Bromodichloromethane	6.53	83	335724	109.923	ug/L 99
39) cis-1,3-Dichloropropene	7.05	75	409965	115.746	ug/L 99
40) 4-Methyl-2-pentanone	7.24	43	739761	250.040	ug/L 100

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42) Toluene	7.41	91	996467	104.626	ug/L	98
44) trans-1,3-Dichloropropene	7.67	75	402338	114.853	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	229760	102.806	ug/L	99
46) Tetrachloroethene	8.00	164	189184	92.824	ug/L	97
48) 2-Hexanone	8.16	43	575581	249.068	ug/L	99
49) Dibromochloromethane	8.27	129	262746	103.821	ug/L	99
50) 1,2-Dibromoethane	8.37	107	240931	102.215	ug/L	100
51) Chlorobenzene	8.90	112	637503	99.749	ug/L	99
52) Ethylbenzene	9.03	91	1123994	105.529	ug/L	100
53) m,p-Xylene	9.16	106	415819	101.711	ug/L	97
54) o-xylene	9.56	106	408986	105.938	ug/L	98
55) Styrene	9.58	104	742353	109.885	ug/L	99
56) Isopropylbenzene	9.95	105	1197556	113.277	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.26	83	379867	120.456	ug/L	99
59) 1,2,3-Trichloropropane	10.29	75	343721	123.438	ug/L	99
61) Bromoform	9.75	173	196109	94.843	ug/L	100
62) 1,3-Dichlorobenzene	11.20	146	581516	99.780	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	597858	99.530	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	581128	100.338	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	85037	109.145	ug/L	97
67) 1,3,5-Trichlorobenzene	12.67	180	347057	86.920	ug/L	100
68) 1,2,4-trichlorobenzene	13.28	180	342509	92.584	ug/L	99
69) Naphthalene	13.52	128	1081095	102.248	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	337766	90.635	ug/L	99

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

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