

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV122820\
 Data File : VV019845.D
 Acq On : 28 Dec 2020 11:56
 Operator : SY/MD
 Sample : VSTD05063
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05063

Quant Time: Dec 28 12:21:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM122820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Dec 28 12:18:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	622690	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	594761	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.26	152	304358	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	242425	53.87	ug/L	0.00
7) Chloroethane-d5	1.57	69	190606	53.71	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.11	63	449118	53.77	ug/L	0.00
21) 2-Butanone-d5	3.89	46	369215	138.50	ug/L	0.00
24) Chloroform-d	4.35	84	449773	54.90	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.04	65	298933	55.67	ug/L	0.00
32) Benzene-d6	5.05	84	859577	53.65	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.07	67	278874	55.25	ug/L	0.00
41) Toluene-d8	7.32	98	766947	53.34	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.62	79	141182	50.21	ug/L	0.00
47) 2-Hexanone-d5	8.09	63	256070	123.47	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.22	84	372358	54.18	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.63	152	287103	50.46	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.13	85	232185	47.557	ug/L	100
3) Chloromethane	1.24	50	284368	52.722	ug/L	100
5) Vinyl chloride	1.31	62	279450	52.099	ug/L	100
6) Bromomethane	1.52	94	166725	51.979	ug/L	100
8) Chloroethane	1.59	64	172698	53.042	ug/L	100
9) Trichlorofluoromethane	1.75	101	336540	51.813	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	188755	52.530	ug/L	100
12) 1,1-Dichloroethene	2.12	96	190101	51.294	ug/L	100
13) Acetone	2.19	43	270874	122.329	ug/L	100
14) Carbon disulfide	2.30	76	617868	51.105	ug/L	100
15) Methyl Acetate	2.43	43	276324	58.769	ug/L	100
16) Methylene chloride	2.51	84	238132	53.729	ug/L	100
17) trans-1,2-Dichloroethene	2.76	96	215169	52.700	ug/L	100
18) Methyl tert-butyl Ether	2.77	73	726051	51.069	ug/L	100
19) 1,1-Dichloroethane	3.19	63	427634	53.465	ug/L	100
20) cis-1,2-Dichloroethene	3.92	96	232459	51.870	ug/L	100
22) 2-Butanone	3.97	43	388974	121.904	ug/L	100
23) Bromochloromethane	4.25	128	115196	52.134	ug/L	100
25) Chloroform	4.38	83	426951	53.501	ug/L	100
27) 1,2-Dichloroethane	5.14	62	353790	53.438	ug/L	100
29) Cyclohexane	4.68	56	367120	50.964	ug/L	100
30) 1,1,1-Trichloroethane	4.61	97	366089	49.500	ug/L	100
31) Carbon tetrachloride	4.83	117	303251	48.912	ug/L	100
33) Benzene	5.10	78	915762	52.293	ug/L	100
34) Trichloroethene	5.92	95	234430	51.003	ug/L	100
35) Methylcyclohexane	6.14	83	360600	52.081	ug/L	100
37) 1,2-Dichloropropane	6.18	63	246969	53.727	ug/L	100
38) Bromodichloromethane	6.51	83	320807	50.559	ug/L	100
39) cis-1,3-Dichloropropene	7.03	75	385692	51.114	ug/L	100
40) 4-Methyl-2-pentanone	7.23	43	758614	112.165	ug/L	100

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42) Toluene	7.39	91	945129	51.537	ug/L	100
44) trans-1,3-Dichloropropene	7.65	75	372769	49.201	ug/L	100
45) 1,1,2-Trichloroethane	7.84	97	222996	51.410	ug/L	100
46) Tetrachloroethene	7.98	164	157785	50.187	ug/L	100
48) 2-Hexanone	8.14	43	597086	115.230	ug/L	100
49) Dibromochloromethane	8.25	129	229908	49.184	ug/L	100
50) 1,2-Dibromoethane	8.36	107	234739	51.589	ug/L	100
51) Chlorobenzene	8.89	112	589642	50.504	ug/L	100
52) Ethylbenzene	9.02	91	1048306	50.478	ug/L	100
53) m,p-Xylene	9.14	106	386415	50.054	ug/L	100
54) o-xylene	9.55	106	373080	49.328	ug/L	100
55) Styrene	9.57	104	666213	50.377	ug/L	100
56) Isopropylbenzene	9.94	105	1001911	49.763	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.25	83	362623	51.713	ug/L	100
59) 1,2,3-Trichloropropane	10.28	75	310083	53.781	ug/L	100
61) Bromoform	9.74	173	150768	45.813	ug/L	100
62) 1,3-Dichlorobenzene	11.19	146	445089	48.366	ug/L	100
63) 1,4-Dichlorobenzene	11.28	146	452502	48.503	ug/L	100
65) 1,2-Dichlorobenzene	11.65	146	447803	49.060	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.44	75	91400	47.811	ug/L	100
67) 1,3,5-Trichlorobenzene	12.65	180	326161	49.934	ug/L	100
68) 1,2,4-trichlorobenzene	13.27	180	295196	48.710	ug/L	100
69) Naphthalene	13.51	128	986097	47.164	ug/L	100
70) 1,2,3-Trichlorobenzene	13.75	180	287081	48.465	ug/L	100

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

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