

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV022120\
 Data File : VV014648.D
 Acq On : 21 Feb 2020 12:30
 Operator : SY/MD
 Sample : VSTD05063
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05063

Quant Time: Feb 21 22:32:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM022120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 21 22:29:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	247372	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	231799	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	115643	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	45964	48.43	ug/L	0.00
7) Chloroethane-d5	1.59	69	33464	49.68	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	88523	54.13	ug/L	0.00
21) 2-Butanone-d5	3.95	46	94194	115.70	ug/L	0.00
24) Chloroform-d	4.40	84	158785	55.49	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	102324	57.17	ug/L	0.00
32) Benzene-d6	5.10	84	314644	55.13	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.11	67	90854	53.32	ug/L	0.00
41) Toluene-d8	7.35	98	301951	55.01	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	49922	53.17	ug/L	0.00
47) 2-Hexanone-d5	8.13	63	75943	110.09	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.25	84	129012	55.08	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	112940	53.76	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	85851	48.639	ug/L 100
3) Chloromethane	1.25	50	42079	29.119	ug/L 100
5) Vinyl chloride	1.32	62	43406	40.516	ug/L 100
6) Bromomethane	1.54	94	27910	51.151	ug/L 100
8) Chloroethane	1.60	64	21978	40.693	ug/L 100
9) Trichlorofluoromethane	1.77	101	95455	49.386	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	40908	49.684	ug/L 100
12) 1,1-Dichloroethene	2.14	96	36273	47.729	ug/L 100
13) Acetone	2.21	43	81834	114.556	ug/L 100
14) Carbon disulfide	2.32	76	162971	44.494	ug/L 100
15) Methyl Acetate	2.47	43	61460	47.758	ug/L 100
16) Methylene chloride	2.54	84	76675	48.141	ug/L 100
17) trans-1,2-Dichloroethene	2.79	96	71938	48.045	ug/L 100
18) Methyl tert-butyl Ether	2.80	73	242488	50.021	ug/L 100
19) 1,1-Dichloroethane	3.23	63	127600	48.493	ug/L 100
20) cis-1,2-Dichloroethene	3.96	96	84458	48.691	ug/L 100
22) 2-Butanone	4.03	43	104961	102.640	ug/L 100
23) Bromochloromethane	4.30	128	43249	50.791	ug/L 100
25) Chloroform	4.42	83	150566	51.180	ug/L 100
27) 1,2-Dichloroethane	5.18	62	112308	51.668	ug/L 100
29) Cyclohexane	4.72	56	106768	46.379	ug/L 100
30) 1,1,1-Trichloroethane	4.66	97	131614	51.485	ug/L 100
31) Carbon tetrachloride	4.87	117	116225	50.395	ug/L 100
33) Benzene	5.14	78	293842	48.364	ug/L 100
34) Trichloroethene	5.96	95	81720	49.423	ug/L 100
35) Methylcyclohexane	6.17	83	125215	48.522	ug/L 100
37) 1,2-Dichloropropane	6.22	63	73186	48.743	ug/L 100
38) Bromodichloromethane	6.55	83	111218	49.863	ug/L 100
39) cis-1,3-Dichloropropene	7.07	75	131098	49.336	ug/L 100
40) 4-Methyl-2-pentanone	7.27	43	184061	98.790	ug/L 100

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42) Toluene	7.43	91	321145	48.449	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	119776	49.701	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	78177	49.931	ug/L	100
46) Tetrachloroethene	8.02	164	61995	48.044	ug/L	100
48) 2-Hexanone	8.18	43	148427	101.064	ug/L	100
49) Dibromochloromethane	8.29	129	93155	49.935	ug/L	100
50) 1,2-Dibromoethane	8.39	107	84609	49.924	ug/L	100
51) Chlorobenzene	8.92	112	214027	48.246	ug/L	100
52) Ethylbenzene	9.05	91	366328	48.641	ug/L	100
53) m,p-Xylene	9.18	106	142727	48.412	ug/L	100
54) o-xylene	9.58	106	137654	48.865	ug/L	100
55) Styrene	9.60	104	234783	48.682	ug/L	100
56) Isopropylbenzene	9.97	105	367399	48.970	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.28	83	121388	49.267	ug/L	100
59) 1,2,3-Trichloropropane	10.31	75	98443	50.346	ug/L	100
61) Bromoform	9.77	173	63631	50.325	ug/L	100
62) 1,3-Dichlorobenzene	11.22	146	172776	49.174	ug/L	100
63) 1,4-Dichlorobenzene	11.31	146	172780	48.514	ug/L	100
65) 1,2-Dichlorobenzene	11.68	146	170435	49.226	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.47	75	29580	51.746	ug/L	100
67) 1,3,5-Trichlorobenzene	12.68	180	125844	49.477	ug/L	100
68) 1,2,4-trichlorobenzene	13.30	180	117852	50.121	ug/L	100
69) Naphthalene	13.54	128	394900	52.439	ug/L	100
70) 1,2,3-Trichlorobenzene	13.78	180	119088	52.039	ug/L	100

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

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