

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV020120\
 Data File : VV014453.D
 Acq On : 31 Jan 2020 15:00
 Operator : SY/MD
 Sample : VSTD05061
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05061

Quant Time: Feb 01 01:41:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Feb 01 01:38:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	407951	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	380219	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	181598	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	112492	47.84	ug/L	0.00
7) Chloroethane-d5	1.58	69	71684	31.77	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	152639	31.77	ug/L	0.00
21) 2-Butanone-d5	3.92	46	158555	97.82	ug/L	0.00
24) Chloroform-d	4.40	84	248055	50.15	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	145360	46.96	ug/L	0.00
32) Benzene-d6	5.10	84	513754	51.90	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.11	67	162200	53.90	ug/L	0.00
41) Toluene-d8	7.36	98	479411	53.10	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	81524	55.40	ug/L	0.00
47) 2-Hexanone-d5	8.13	63	129401	114.39	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.25	84	208575	49.53	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	172057	48.17	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	170137	46.998	ug/L 100
3) Chloromethane	1.26	50	181352	53.132	ug/L 100
5) Vinyl chloride	1.32	62	142357	42.150	ug/L 100
6) Bromomethane	1.53	94	46822	24.854	ug/L 100
8) Chloroethane	1.60	64	63321	29.927	ug/L 100
9) Trichlorofluoromethane	1.77	101	166544	33.199	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	79094	28.295	ug/L 100
12) 1,1-Dichloroethene	2.14	96	76782	28.355	ug/L 100
13) Acetone	2.18	43	112803	51.127	ug/L 100
14) Carbon disulfide	2.32	76	382410	48.476	ug/L 100
15) Methyl Acetate	2.46	43	127307	43.334	ug/L 100
16) Methylene chloride	2.54	84	148164	47.994	ug/L 100
17) trans-1,2-Dichloroethene	2.79	96	135981	47.011	ug/L 100
18) Methyl tert-butyl Ether	2.80	73	422240	50.084	ug/L 100
19) 1,1-Dichloroethane	3.23	63	251149	47.940	ug/L 100
20) cis-1,2-Dichloroethene	3.96	96	151630	48.484	ug/L 100
22) 2-Butanone	4.01	43	194286	85.851	ug/L 100
23) Bromochloromethane	4.30	128	71294	42.156	ug/L 100
25) Chloroform	4.42	83	249070	45.034	ug/L 100
27) 1,2-Dichloroethane	5.18	62	181297	45.686	ug/L 100
29) Cyclohexane	4.73	56	238940	53.179	ug/L 100
30) 1,1,1-Trichloroethane	4.66	97	211106	46.613	ug/L 100
31) Carbon tetrachloride	4.87	117	180700	45.001	ug/L 100
33) Benzene	5.14	78	574442	50.661	ug/L 100
34) Trichloroethene	5.95	95	143876	47.775	ug/L 100
35) Methylcyclohexane	6.17	83	240873	52.380	ug/L 100
37) 1,2-Dichloropropane	6.22	63	143741	52.016	ug/L 100
38) Bromodichloromethane	6.55	83	192258	49.346	ug/L 100
39) cis-1,3-Dichloropropene	7.07	75	243150	54.953	ug/L 100
40) 4-Methyl-2-pentanone	7.27	43	355961	99.843	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	606083	51.655	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	209333	52.733	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	136932	50.282	ug/L	100
46) Tetrachloroethene	8.02	164	103914	39.690	ug/L	100
48) 2-Hexanone	8.18	43	287337	99.866	ug/L	100
49) Dibromochloromethane	8.29	129	150294	45.882	ug/L	100
50) 1,2-Dibromoethane	8.39	107	142140	47.719	ug/L	100
51) Chlorobenzene	8.92	112	381792	47.619	ug/L	100
52) Ethylbenzene	9.05	91	674423	51.969	ug/L	100
53) m,p-Xylene	9.18	106	256130	51.452	ug/L	100
54) o-xylene	9.58	106	250745	52.034	ug/L	100
55) Styrene	9.60	104	428053	51.891	ug/L	100
56) Isopropylbenzene	9.97	105	640442	50.426	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.28	83	212944	48.748	ug/L	100
59) 1,2,3-Trichloropropane	10.31	75	167677	46.343	ug/L	100
61) Bromoform	9.77	173	97924	44.714	ug/L	100
62) 1,3-Dichlorobenzene	11.22	146	284163	47.712	ug/L	100
63) 1,4-Dichlorobenzene	11.31	146	290070	47.148	ug/L	100
65) 1,2-Dichlorobenzene	11.68	146	281223	47.247	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.47	75	44102	51.895	ug/L	100
67) 1,3,5-Trichlorobenzene	12.69	180	191695	40.662	ug/L	100
68) 1,2,4-trichlorobenzene	13.30	180	176343	41.071	ug/L	100
69) Naphthalene	13.54	128	565460	48.741	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	169247	38.501	ug/L	100

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

