

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV020120\
 Data File : VV014454.D
 Acq On : 31 Jan 2020 15:23
 Operator : SY/MD
 Sample : VSTD10062
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD10062

Quant Time: Feb 01 01:42:09 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	419403	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	391819	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	189800	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	229885	95.09	ug/L	0.00
7) Chloroethane-d5	1.58	69	144347	62.23	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	307616	62.28	ug/L	0.00
21) 2-Butanone-d5	3.92	46	341327	204.84	ug/L	0.00
24) Chloroform-d	4.40	84	510908	100.48	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	302918	95.20	ug/L	0.00
32) Benzene-d6	5.10	84	1069118	104.81	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.11	67	335551	108.21	ug/L	0.00
41) Toluene-d8	7.36	98	979090	105.23	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	174741	115.22	ug/L	0.00
47) 2-Hexanone-d5	8.13	63	276960	237.58	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.25	84	426923	98.37	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	349899	93.72	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	336038	90.292	ug/L 98
3) Chloromethane	1.26	50	353139	100.637	ug/L 100
5) Vinyl chloride	1.33	62	284105	81.822	ug/L 99
6) Bromomethane	1.53	94	97317	50.247	ug/L 99
8) Chloroethane	1.60	64	122213	56.183	ug/L 99
9) Trichlorofluoromethane	1.77	101	327755	63.552	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	154220	53.663	ug/L 99
12) 1,1-Dichloroethene	2.14	96	149681	53.767	ug/L 96
13) Acetone	2.18	43	203926	89.904	ug/L 100
14) Carbon disulfide	2.32	76	760697	93.796	ug/L 100
15) Methyl Acetate	2.46	43	261158	86.469	ug/L 100
16) Methylene chloride	2.54	84	292408	92.132	ug/L 98
17) trans-1,2-Dichloroethene	2.79	96	271561	91.319	ug/L 99
18) Methyl tert-butyl Ether	2.80	73	842212	97.170	ug/L 100
19) 1,1-Dichloroethane	3.23	63	497425	92.357	ug/L 100
20) cis-1,2-Dichloroethene	3.96	96	308443	95.933	ug/L 97
22) 2-Butanone	4.00	43	401255	172.465	ug/L 99
23) Bromochloromethane	4.30	128	145099	83.455	ug/L 98
25) Chloroform	4.42	83	494509	86.970	ug/L 100
27) 1,2-Dichloroethane	5.18	62	364048	89.234	ug/L 99
29) Cyclohexane	4.73	56	478436	103.330	ug/L 99
30) 1,1,1-Trichloroethane	4.66	97	419863	89.964	ug/L 99
31) Carbon tetrachloride	4.87	117	369370	89.263	ug/L 99
33) Benzene	5.15	78	1142910	97.811	ug/L 100
34) Trichloroethene	5.96	95	287940	92.783	ug/L 98
35) Methylcyclohexane	6.17	83	487776	102.931	ug/L 100
37) 1,2-Dichloropropane	6.22	63	289654	101.715	ug/L 100
38) Bromodichloromethane	6.55	83	384751	95.828	ug/L 100
39) cis-1,3-Dichloropropene	7.07	75	495627	108.698	ug/L 99
40) 4-Methyl-2-pentanone	7.26	43	720996	196.244	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	1202990	99.492	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	427092	104.403	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	271032	96.577	ug/L	99
46) Tetrachloroethene	8.02	164	208036	77.107	ug/L	99
48) 2-Hexanone	8.18	43	558321	188.304	ug/L	98
49) Dibromochloromethane	8.29	129	303455	89.897	ug/L	96
50) 1,2-Dibromoethane	8.39	107	289856	94.430	ug/L	100
51) Chlorobenzene	8.92	112	759395	91.911	ug/L	100
52) Ethylbenzene	9.05	91	1336328	99.924	ug/L	100
53) m,p-Xylene	9.18	106	504480	98.340	ug/L	99
54) o-xylene	9.58	106	491574	98.990	ug/L	100
55) Styrene	9.60	104	846772	99.611	ug/L	100
56) Isopropylbenzene	9.97	105	1268874	96.948	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.28	83	433120	96.216	ug/L	99
59) 1,2,3-Trichloropropane	10.31	75	333283	89.387	ug/L	99
61) Bromoform	9.77	173	202256	88.363	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	573143	92.074	ug/L	100
63) 1,4-Dichlorobenzene	11.31	146	578575	89.977	ug/L	99
65) 1,2-Dichlorobenzene	11.68	146	554674	89.161	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	90066	101.402	ug/L	96
67) 1,3,5-Trichlorobenzene	12.69	180	390044	79.160	ug/L	99
68) 1,2,4-trichlorobenzene	13.30	180	361075	80.462	ug/L	99
69) Naphthalene	13.54	128	1195352	98.584	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	347002	75.526	ug/L	99

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

