

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020320\
 Data File : VW014828.D
 Acq On : 03 Feb 2020 11:21
 Operator : SY/VA
 Sample : VSTD05002
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD05002

Quant Time: Feb 03 11:46:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020320S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Feb 03 11:38:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	825434	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	749234	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	352858	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	724430	55.41	ug/L	0.00
7) Chloroethane-d5	2.89	69	570222	51.33	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.02	63	1327522	56.11	ug/L	0.00
20) 2-Butanone-d5	7.07	46	478108	128.79	ug/L	0.00
24) Chloroform-d	7.65	84	1179442	51.77	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	667432	54.39	ug/L	0.00
29) Benzene-d6	8.27	84	2460267	52.17	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	795405	54.26	ug/L	0.00
37) Toluene-d8	10.32	98	2222264	52.90	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.57	79	338855	58.02	ug/L	0.00
39) 2-Hexanone-d5	10.92	63	375495	136.51	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	639144	55.56	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	673239	48.68	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	475813	46.875	ug/L 92
3) Chloromethane	2.21	50	677969	57.255	ug/L 98
5) Vinyl chloride	2.37	62	804215	48.273	ug/L 100
6) Bromomethane	2.78	94	392093	45.023	ug/L 99
8) Chloroethane	2.92	64	445928	49.407	ug/L 100
9) Trichlorofluoromethane	3.26	101	399182	49.899	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	610220	53.403	ug/L 99
12) 1,1-Dichloroethene	4.04	96	601496	53.380	ug/L 96
13) Acetone	4.12	43	416336	104.713	ug/L 99
14) Carbon disulfide	4.39	76	1848749	50.120	ug/L 99
15) Methyl Acetate	4.67	43	400198	67.446	ug/L 100
16) Methylene chloride	4.92	84	625474	44.839	ug/L 98
17) Methyl tert-butyl Ether	5.42	73	794232	53.322	ug/L 99
18) trans-1,2-Dichloroethene	5.42	96	604544	51.927	ug/L 98
19) 1,1-Dichloroethane	6.21	63	1204284	55.159	ug/L 97
21) 2-Butanone	7.17	43	558942	125.554	ug/L 100
22) cis-1,2-Dichloroethene	7.17	96	643181	52.767	ug/L 99
23) Bromochloromethane	7.51	128	260859	48.975	ug/L 98
25) Chloroform	7.67	83	1101598	54.078	ug/L 100
27) 1,2-Dichloroethane	8.40	62	773874	57.497	ug/L 99
30) Cyclohexane	7.95	56	1225638	59.905	ug/L 100
31) 1,1,1-Trichloroethane	7.87	97	848626	51.873	ug/L 100
32) Carbon tetrachloride	8.07	117	778414	50.771	ug/L 100
34) Benzene	8.32	78	2575066	53.664	ug/L 100
35) Trichloroethene	9.09	95	635765	52.154	ug/L 99
36) Methylcyclohexane	9.34	83	1190184	56.121	ug/L 97
40) 1,2-Dichloropropane	9.37	63	687749	56.537	ug/L 99
41) Bromodichloromethane	9.64	83	799186	54.972	ug/L 100
42) cis-1,3-Dichloropropene	10.07	75	1040548	58.566	ug/L 99
43) 4-Methyl-2-pentanone	10.21	43	1126567	140.845	ug/L 99

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44) Toluene	10.38	91	2658621	54.527	ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	847267	58.743	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	468172	56.380	ug/L	98
47) Tetrachloroethene	10.86	164	468394	48.090	ug/L	99
49) 2-Hexanone	10.96	43	814208	141.584	ug/L	100
50) Dibromochloromethane	11.13	129	512278	54.069	ug/L	100
51) 1,2-Dibromoethane	11.23	107	448957	56.205	ug/L	95
52) Chlorobenzene	11.65	112	1559157	51.212	ug/L	98
53) Ethylbenzene	11.73	91	2930220	54.994	ug/L	98
54) m,p-Xylene	11.83	106	1089112	54.681	ug/L	97
55) o-xylene	12.16	106	1024134	54.799	ug/L	99
56) Styrene	12.18	104	1759177	55.502	ug/L	99
57) Isopropylbenzene	12.46	105	2775655	54.839	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	626406	58.548	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	472774	58.827	ug/L	99
62) Bromoform	12.35	173	294142	53.104	ug/L	97
63) 1,3-Dichlorobenzene	13.50	146	1147665	50.378	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	1140369	49.948	ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	1051637	50.753	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.48	75	104389	61.424	ug/L	95
67) 1,3,5-Trichlorobenzene	14.63	180	824200	48.846	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	670693	53.561	ug/L	99
69) Naphthalene	15.36	128	1513313	66.820	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	613799	53.462	ug/L	99

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

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