

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041020\
 Data File : VW015177.D
 Acq On : 10 Apr 2020 12:42
 Operator : SY/VA
 Sample : VSTD10002
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD10002

Quant Time: Apr 10 13:07:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041020S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 10 12:17:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1251501	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1106846	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	507837	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	1084936	53.46	ug/L	0.00
7) Chloroethane-d5	2.89	69	810726	49.05	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.03	63	3016508	71.95	ug/L	0.00
20) 2-Butanone-d5	7.07	46	843595	172.11	ug/L	0.00
24) Chloroform-d	7.65	84	2803221	75.79	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	1481899	70.52	ug/L	0.00
29) Benzene-d6	8.27	84	5835574	81.97	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	1829357	78.31	ug/L	0.00
37) Toluene-d8	10.32	98	5483781	89.27	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.57	79	890373	96.36	ug/L	0.00
39) 2-Hexanone-d5	10.92	63	738021	205.30	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	1457381	89.64	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	1724518	93.68	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	1122521	118.781	ug/L	95
3) Chloromethane	2.21	50	1187496	70.790	ug/L	100
5) Vinyl chloride	2.37	62	1436684	62.124	ug/L	99
6) Bromomethane	2.78	94	742204	58.469	ug/L	99
8) Chloroethane	2.93	64	734004	53.605	ug/L	99
9) Trichlorofluoromethane	3.26	101	1283948	94.578	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	1679048	88.398	ug/L	99
12) 1,1-Dichloroethene	4.04	96	1705906	93.815	ug/L	96
13) Acetone	4.12	43	516574	127.745	ug/L	98
14) Carbon disulfide	4.39	76	5535440	83.735	ug/L	100
15) Methyl Acetate	4.67	43	729269	75.410	ug/L	99
16) Methylene chloride	4.92	84	1648338	80.031	ug/L	98
17) Methyl tert-butyl Ether	5.42	73	2216177	93.493	ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	1700609	90.231	ug/L	97
19) 1,1-Dichloroethane	6.21	63	2960858	76.196	ug/L	99
21) 2-Butanone	7.17	43	945929	161.332	ug/L	100
22) cis-1,2-Dichloroethene	7.17	96	1792184	95.056	ug/L	99
23) Bromochloromethane	7.51	128	759869	97.749	ug/L	99
25) Chloroform	7.67	83	2840196	79.791	ug/L	99
27) 1,2-Dichloroethane	8.40	62	1827871	73.378	ug/L	100
30) Cyclohexane	7.95	56	3005384	87.462	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	2420643	86.011	ug/L	99
32) Carbon tetrachloride	8.07	117	2234712	90.761	ug/L	99
34) Benzene	8.32	78	6617188	84.031	ug/L	100
35) Trichloroethene	9.09	95	1776925	91.350	ug/L	99
36) Methylcyclohexane	9.34	83	3150728	93.901	ug/L	99
40) 1,2-Dichloropropane	9.37	63	1681419	78.596	ug/L	100
41) Bromodichloromethane	9.64	83	2202098	88.839	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	2774729	95.812	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	2194053	181.060	ug/L	99

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44) Toluene	10.38	91	7062026	90.021	ug/L	100
45) trans-1,3-Dichloropropene	10.60	75	2448872	97.025	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	1239332	95.603	ug/L	99
47) Tetrachloroethene	10.86	164	1254508	97.595	ug/L	97
49) 2-Hexanone	10.96	43	1497662	186.755	ug/L	100
50) Dibromochloromethane	11.13	129	1477344	108.113	ug/L	97
51) 1,2-Dibromoethane	11.23	107	1199814	103.111	ug/L	98
52) Chlorobenzene	11.66	112	4406304	94.130	ug/L	100
53) Ethylbenzene	11.73	91	7903654	92.722	ug/L	98
54) m,p-Xylene	11.84	106	3101757	102.227	ug/L	99
55) o-xylene	12.16	106	2881336	100.820	ug/L	99
56) Styrene	12.18	104	4879646	100.902	ug/L	98
57) Isopropylbenzene	12.46	105	7802940	99.574	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	1504901	93.946	ug/L	100
59) 1,2,3-Trichloropropane	12.77	75	1127542	94.091	ug/L	99
62) Bromoform	12.35	173	847034	112.686	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	3239608	97.366	ug/L	95
64) 1,4-Dichlorobenzene	13.58	146	3193419	94.783	ug/L	100
65) 1,2-Dichlorobenzene	13.87	146	2898298	96.263	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.48	75	268731	95.238	ug/L	99
67) 1,3,5-Trichlorobenzene	14.63	180	2222220	101.379	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	1929335	115.036	ug/L	98
69) Naphthalene	15.36	128	4279758	130.792	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	1718472	111.940	ug/L	99

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

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