

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090320\
 Data File : VW016443.D
 Acq On : 03 Sep 2020 13:09
 Operator : SY/VA
 Sample : VSTD10001
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD10001

Quant Time: Sep 03 13:38:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM090320S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 03 13:30:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	882211	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	802448	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	373846	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	854640	89.68	ug/L	0.00
7) Chloroethane-d5	2.89	69	786534	104.56	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.03	63	1944643	86.67	ug/L	0.00
20) 2-Butanone-d5	7.08	46	629623	224.19	ug/L	0.00
24) Chloroform-d	7.65	84	1931947	84.59	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	1057080	89.81	ug/L	0.00
29) Benzene-d6	8.28	84	3696450	82.96	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.28	67	1123545	90.20	ug/L	0.00
37) Toluene-d8	10.33	98	3539553	84.60	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	575130	95.43	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	503775	237.63	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	976714	94.76	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	1263290	90.18	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.02	85	997641	100.845	ug/L	99
3) Chloromethane	2.22	50	914273	114.182	ug/L	98
5) Vinyl chloride	2.37	62	1101924	103.164	ug/L	98
6) Bromomethane	2.78	94	848228	118.714	ug/L	99
8) Chloroethane	2.93	64	694648	114.471	ug/L	98
9) Trichlorofluoromethane	3.26	101	968740	88.867	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	1049868	87.132	ug/L	99
12) 1,1-Dichloroethene	4.04	96	1051193	89.537	ug/L	90
13) Acetone	4.12	43	423197	194.822	ug/L	97
14) Carbon disulfide	4.39	76	3227047	91.924	ug/L	99
15) Methyl Acetate	4.67	43	529107	115.535	ug/L	100
16) Methylene chloride	4.92	84	1038948	64.385	ug/L	98
17) Methyl tert-butyl Ether	5.43	73	1528376	89.345	ug/L	99
18) trans-1,2-Dichloroethene	5.43	96	1099733	89.145	ug/L	99
19) 1,1-Dichloroethane	6.22	63	1912180	93.757	ug/L	98
21) 2-Butanone	7.17	43	675454	208.760	ug/L	98
22) cis-1,2-Dichloroethene	7.17	96	1177755	90.972	ug/L	98
23) Bromochloromethane	7.52	128	552941	93.475	ug/L	95
25) Chloroform	7.68	83	1926130	88.630	ug/L	99
27) 1,2-Dichloroethane	8.40	62	1288835	93.502	ug/L	99
30) Cyclohexane	7.96	56	1786959	99.677	ug/L	98
31) 1,1,1-Trichloroethane	7.88	97	1636627	85.437	ug/L	99
32) Carbon tetrachloride	8.07	117	1579504	86.354	ug/L	99
34) Benzene	8.33	78	4099340	88.628	ug/L	100
35) Trichloroethene	9.10	95	1175250	89.906	ug/L	99
36) Methylcyclohexane	9.34	83	2010680	93.365	ug/L	99
40) 1,2-Dichloropropane	9.37	63	1024514	93.330	ug/L	100
41) Bromodichloromethane	9.65	83	1483233	96.202	ug/L	97
42) cis-1,3-Dichloropropene	10.07	75	1780955	99.176	ug/L	96
43) 4-Methyl-2-pentanone	10.21	43	1542110	227.675	ug/L	99

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44) Toluene	10.39	91	4602997	91.030	ug/L	95
45) trans-1,3-Dichloropropene	10.61	75	1603302	100.681	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	842684	94.162	ug/L	99
47) Tetrachloroethene	10.87	164	935660	90.764	ug/L	96
49) 2-Hexanone	10.97	43	1078694	243.719	ug/L	99
50) Dibromochloromethane	11.13	129	1093346	97.860	ug/L	98
51) 1,2-Dibromoethane	11.24	107	856838	97.410	ug/L	95
52) Chlorobenzene	11.66	112	2989222	89.301	ug/L	98
53) Ethylbenzene	11.73	91	5231784	90.504	ug/L	98
54) m,p-Xylene	11.84	106	2022351	91.341	ug/L	97
55) o-xylene	12.17	106	1932140	92.552	ug/L	97
56) Styrene	12.18	104	3277915	93.412	ug/L	98
57) Isopropylbenzene	12.46	105	5107456	88.384	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.72	83	1006297	96.385	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	754125	97.440	ug/L	99
62) Bromoform	12.35	173	659832	106.840	ug/L #	99
63) 1,3-Dichlorobenzene	13.51	146	2255204	89.919	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	2283006	89.807	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	2015696	89.840	ug/L	91
66) 1,2-Dibromo-3-chloropropan	14.49	75	196789	109.711	ug/L	99
67) 1,3,5-Trichlorobenzene	14.63	180	1654271	95.540	ug/L	97
68) 1,2,4-trichlorobenzene	15.13	180	1403989	102.659	ug/L	99
69) Naphthalene	15.36	128	3133626	114.972	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	1250201	104.040	ug/L	98

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

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