

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042820\
 Data File : VW015358.D
 Acq On : 28 Apr 2020 13:11
 Operator : SY/VA
 Sample : VSTD2.501
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.501

Quant Time: Apr 28 14:30:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042820S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 28 14:27:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	362503	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	320918	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	161877	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	2273	0.57	ug/L	0.00
7) Chloroethane-d5	2.89	69	8985	2.47	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.01	63	16656	2.21	ug/L	0.00
20) 2-Butanone-d5	7.09	46	4040	4.68	ug/L	0.00
24) Chloroform-d	7.65	84	21958	3.35	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.30	65	11101	2.62	ug/L	0.00
29) Benzene-d6	8.27	84	42951	3.00	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	11976	3.00	ug/L	0.00
37) Toluene-d8	10.32	98	43450	2.87	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.57	79	6008	2.87	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	3979	5.32	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	9254	2.75	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	16323	2.89	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	8196	1.608	ug/L 98
3) Chloromethane	2.21	50	6080	1.406	ug/L 98
5) Vinyl chloride	2.36	62	2124	0.420	ug/L 96
6) Bromomethane	2.78	94	8041	2.260	ug/L 99
8) Chloroethane	2.93	64	6142	1.902	ug/L 98
9) Trichlorofluoromethane	3.26	101	8765	1.139	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	10244	2.159	ug/L # 89
12) 1,1-Dichloroethene	4.04	96	8494	1.989	ug/L 93
13) Acetone	4.13	43	4945	6.419	ug/L 63
14) Carbon disulfide	4.37	76	18304	1.381	ug/L 99
15) Methyl Acetate	4.67	43	2897	1.954	ug/L 98
16) Methylene chloride	4.91	84	15468	3.291	ug/L 98
17) Methyl tert-butyl Ether	5.43	73	13737	1.344	ug/L 94
18) trans-1,2-Dichloroethene	5.42	96	10665	2.234	ug/L 98
19) 1,1-Dichloroethane	6.21	63	16405	2.242	ug/L 98
21) 2-Butanone	7.18	43	6650	6.222	ug/L 85
22) cis-1,2-Dichloroethene	7.16	96	11125	2.223	ug/L 89
23) Bromochloromethane	7.51	128	5014	2.160	ug/L 97
25) Chloroform	7.68	83	18204	1.888	ug/L 100
27) 1,2-Dichloroethane	8.40	62	11182	2.146	ug/L 96
30) Cyclohexane	7.95	56	14781	2.312	ug/L 100
31) 1,1,1-Trichloroethane	7.87	97	16673	2.230	ug/L 98
32) Carbon tetrachloride	8.07	117	15281	2.288	ug/L 98
34) Benzene	8.32	78	39771	2.476	ug/L 100
35) Trichloroethene	9.09	95	11299	2.424	ug/L 99
36) Methylcyclohexane	9.34	83	19086	2.414	ug/L 98
40) 1,2-Dichloropropane	9.37	63	8929	2.443	ug/L 97
41) Bromodichloromethane	9.64	83	13346	2.357	ug/L 100
42) cis-1,3-Dichloropropene	10.07	75	14930	2.284	ug/L 93
43) 4-Methyl-2-pentanone	10.21	43	16833	8.361	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.38	91	46173	2.404	ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	13111	2.274	ug/L	95
46) 1,1,2-Trichloroethane	10.79	97	7378	2.359	ug/L	97
47) Tetrachloroethene	10.86	164	10888	2.486	ug/L	98
49) 2-Hexanone	10.97	43	6338	4.288	ug/L	96
50) Dibromochloromethane	11.13	129	9295	2.230	ug/L	98
51) 1,2-Dibromoethane	11.24	107	7269	2.328	ug/L	97
52) Chlorobenzene	11.66	112	30015	2.323	ug/L	97
53) Ethylbenzene	11.73	91	52837	2.343	ug/L	97
54) m,p-Xylene	11.84	106	20532	2.270	ug/L	95
55) o-xylene	12.16	106	19354	2.258	ug/L	94
56) Styrene	12.18	104	31871	2.186	ug/L	94
57) Isopropylbenzene	12.46	105	52177	2.206	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	8050	2.344	ug/L	95
59) 1,2,3-Trichloropropane	12.77	75	5944	2.281	ug/L	90
62) Bromoform	12.35	173	5692	2.270	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	24745	2.360	ug/L	95
64) 1,4-Dichlorobenzene	13.58	146	24693	2.386	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	21426	2.284	ug/L	95
66) 1,2-Dibromo-3-chloropropan	14.48	75	1260	2.020	ug/L	95
67) 1,3,5-Trichlorobenzene	14.63	180	18504	2.366	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	14687	2.356	ug/L	99
69) Naphthalene	15.36	128	23932	2.275	ug/L	98
70) 1,2,3-Trichlorobenzene	15.55	180	12496	2.329	ug/L	99

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

