

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042820\
 Data File : VW015360.D
 Acq On : 28 Apr 2020 13:59
 Operator : SY/VA
 Sample : VSTD02503
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02503

Quant Time: Apr 28 14:26:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042820S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 28 11:37:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	393946	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	364075	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	196186	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	62773	14.48	ug/L	0.00
7) Chloroethane-d5	2.89	69	72179	18.29	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.02	63	161662	19.75	ug/L	0.00
20) 2-Butanone-d5	7.08	46	40512	43.23	ug/L	0.00
24) Chloroform-d	7.65	84	193290	27.17	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	100020	21.68	ug/L	0.00
29) Benzene-d6	8.27	84	368922	22.71	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	103442	22.87	ug/L	0.00
37) Toluene-d8	10.32	98	378154	21.99	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	53762	22.63	ug/L	0.00
39) 2-Hexanone-d5	10.92	63	39198	46.18	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	90278	23.63	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	150638	22.02	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	83944	15.152	ug/L 100
3) Chloromethane	2.21	50	67054	14.270	ug/L 99
5) Vinyl chloride	2.37	62	85947	15.620	ug/L 95
6) Bromomethane	2.78	94	78798	20.376	ug/L 100
8) Chloroethane	2.93	64	65153	18.566	ug/L 98
9) Trichlorofluoromethane	3.26	101	103852	12.420	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	107678	20.880	ug/L 98
12) 1,1-Dichloroethene	4.03	96	101536	21.878	ug/L 89
13) Acetone	4.12	43	28827	34.431	ug/L 98
14) Carbon disulfide	4.38	76	281210	19.523	ug/L 99
15) Methyl Acetate	4.67	43	33841	21.007	ug/L 98
16) Methylene chloride	4.92	84	104461	20.449	ug/L 97
17) Methyl tert-butyl Ether	5.43	73	152890	13.767	ug/L 100
18) trans-1,2-Dichloroethene	5.42	96	112180	21.622	ug/L 98
19) 1,1-Dichloroethane	6.21	63	174339	21.924	ug/L 98
21) 2-Butanone	7.17	43	47229	40.663	ug/L 98
22) cis-1,2-Dichloroethene	7.17	96	121521	22.348	ug/L 97
23) Bromochloromethane	7.51	128	57378	22.749	ug/L 99
25) Chloroform	7.68	83	199169	19.010	ug/L 99
27) 1,2-Dichloroethane	8.40	62	126825	22.395	ug/L 100
30) Cyclohexane	7.95	56	161228	22.230	ug/L 99
31) 1,1,1-Trichloroethane	7.87	97	177634	20.946	ug/L 100
32) Carbon tetrachloride	8.07	117	172933	22.827	ug/L 100
34) Benzene	8.32	78	426431	23.399	ug/L 100
35) Trichloroethene	9.09	95	123158	23.292	ug/L 100
36) Methylcyclohexane	9.34	83	208265	23.218	ug/L 99
40) 1,2-Dichloropropane	9.37	63	97106	23.420	ug/L 100
41) Bromodichloromethane	9.64	83	149081	23.207	ug/L 98
42) cis-1,3-Dichloropropene	10.07	75	172748	23.294	ug/L 100
43) 4-Methyl-2-pentanone	10.21	43	114062	49.938	ug/L 100

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44) Toluene	10.38	91	503949	23.130	ug/L	100
45) trans-1,3-Dichloropropene	10.60	75	154876	23.677	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	83265	23.470	ug/L	99
47) Tetrachloroethene	10.86	164	117368	23.624	ug/L	93
49) 2-Hexanone	10.97	43	72729	43.377	ug/L	99
50) Dibromochloromethane	11.13	129	114494	24.213	ug/L	94
51) 1,2-Dibromoethane	11.23	107	83627	23.605	ug/L	99
52) Chlorobenzene	11.66	112	335825	22.912	ug/L	99
53) Ethylbenzene	11.73	91	583261	22.794	ug/L	99
54) m,p-Xylene	11.83	106	226570	22.084	ug/L	94
55) o-xylene	12.16	106	218009	22.423	ug/L	95
56) Styrene	12.18	104	371777	22.475	ug/L	99
57) Isopropylbenzene	12.46	105	599286	22.330	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	95184	24.429	ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	69332	23.451	ug/L	99
62) Bromoform	12.35	173	72000	23.689	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	287225	22.604	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	280869	22.393	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	258432	22.732	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.48	75	17238	22.804	ug/L	96
67) 1,3,5-Trichlorobenzene	14.63	180	216983	22.889	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	182396	24.146	ug/L	100
69) Naphthalene	15.36	128	309186	24.251	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	157558	24.230	ug/L	98

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

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