

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV122420\
 Data File : VW017726.D
 Acq On : 24 Dec 2020 09:05
 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

Manual Integrations
 APPROVED

MMDadoda
 12/26/2020 1:37:32 PM

Quant Time: Dec 24 12:33:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 24 12:06:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	372121	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	326735	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	159879	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	18462	3.70	ug/L	0.00
7) Chloroethane-d5	2.89	69	14166	3.35	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.02	63	27371	2.54	ug/L	0.00
20) 2-Butanone-d5	7.11	46	5205m	5.08	ug/L	0.03
24) Chloroform-d	7.65	84	25521	2.44	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	13740	2.63	ug/L	0.00
29) Benzene-d6	8.27	84	50586	2.54	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	14097	2.54	ug/L	0.00
37) Toluene-d8	10.32	98	47042	2.58	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.59	79	5552	2.24	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	3208	4.68	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	9777	2.41	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	15635	2.66	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.02	85	11358	3.103	ug/L 98
3) Chloromethane	2.20	50	11013	3.070	ug/L 98
5) Vinyl chloride	2.36	62	18175	3.822	ug/L 97
6) Bromomethane	2.78	94	11450	3.249	ug/L 98
8) Chloroethane	2.92	64	10903	3.426	ug/L 95
9) Trichlorofluoromethane	3.26	101	17429	3.458	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	12367	2.386	ug/L # 58
12) 1,1-Dichloroethene	4.04	96	11970	2.363	ug/L 91
13) Acetone	4.17	43	4577m	4.546	ug/L
14) Carbon disulfide	4.39	76	33119	2.259	ug/L 98
15) Methyl Acetate	4.70	43	4022m	2.340	ug/L
16) Methylene chloride	4.92	84	18319	3.343	ug/L 89
17) Methyl tert-butyl Ether	5.43	73	15188	2.701	ug/L # 91
18) trans-1,2-Dichloroethene	5.42	96	12927	2.472	ug/L 95
19) 1,1-Dichloroethane	6.22	63	21562	2.442	ug/L 99
21) 2-Butanone	7.20	43	6257m	5.245	ug/L
22) cis-1,2-Dichloroethene	7.17	96	13157	2.407	ug/L 94
23) Bromochloromethane	7.51	128	5479	2.213	ug/L 91
25) Chloroform	7.68	83	23044	2.471	ug/L 98
27) 1,2-Dichloroethane	8.40	62	14893	2.590	ug/L 99
30) Cyclohexane	7.95	56	19987	2.566	ug/L 97
31) 1,1,1-Trichloroethane	7.87	97	19099	2.474	ug/L 97
32) Carbon tetrachloride	8.07	117	17545	2.354	ug/L 97
34) Benzene	8.33	78	48566	2.502	ug/L 100
35) Trichloroethene	9.10	95	13367	2.474	ug/L 95
36) Methylcyclohexane	9.34	83	23023	2.550	ug/L 98
40) 1,2-Dichloropropane	9.37	63	11479	2.509	ug/L 99
41) Bromodichloromethane	9.65	83	14912	2.356	ug/L # 99
42) cis-1,3-Dichloropropene	10.07	75	16708	2.334	ug/L 93
43) 4-Methyl-2-pentanone	10.22	43	10368	4.752	ug/L 98

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44) Toluene	10.39	91	54111	2.563	ug/L	91
45) trans-1,3-Dichloropropene	10.61	75	14004	2.271	ug/L	92
46) 1,1,2-Trichloroethane	10.79	97	8495	2.456	ug/L	94
47) Tetrachloroethene	10.87	164	10366	2.279	ug/L	97
49) 2-Hexanone	10.97	43	7137	4.531	ug/L	95
50) Dibromochloromethane	11.13	129	8931	2.084	ug/L	86
51) 1,2-Dibromoethane	11.24	107	7540	2.277	ug/L #	98
52) Chlorobenzene	11.66	112	33788	2.456	ug/L	90
53) Ethylbenzene	11.73	91	59629	2.480	ug/L	94
54) m,p-Xylene	11.84	106	23155	2.517	ug/L	94
55) o-xylene	12.17	106	21603	2.524	ug/L	92
56) Styrene	12.18	104	33928	2.358	ug/L	97
57) Isopropylbenzene	12.46	105	57812	2.459	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.72	83	9139	2.422	ug/L #	90
59) 1,2,3-Trichloropropane	12.77	75	6733	2.412	ug/L #	88
62) Bromoform	12.35	173	4449	1.992	ug/L #	99
63) 1,3-Dichlorobenzene	13.50	146	25399	2.498	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	25728	2.537	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	22658	2.560	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	1577	2.677	ug/L #	87
67) 1,3,5-Trichlorobenzene	14.63	180	17618	2.428	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	15238	2.588	ug/L #	88
69) Naphthalene	15.36	128	28306	2.967	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	12398	2.541	ug/L	96

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

