

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV122420\
 Data File : VW017727.D
 Acq On : 24 Dec 2020 09:29
 Operator : SY/VA
 Sample : VSTD00502
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD00502

Manual Integrations
 APPROVED

MMDadoda
 12/26/2020 1:37:33 PM

Quant Time: Dec 24 12:16:23 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	377124	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	338602	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	170723	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	30835	6.09	ug/L	0.00
7) Chloroethane-d5	2.89	69	25463	5.93	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.02	63	54701	5.00	ug/L	0.00
20) 2-Butanone-d5	7.08	46	11758	11.32	ug/L	0.00
24) Chloroform-d	7.65	84	53541	5.05	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.30	65	28640	5.41	ug/L	0.00
29) Benzene-d6	8.27	84	101118	4.90	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	27358	4.76	ug/L	0.00
37) Toluene-d8	10.32	98	95001	5.03	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	12203	4.74	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	7974	11.23	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	22101	5.26	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	31157	4.97	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	23564	6.353 ug/L	93
3) Chloromethane	2.21	50	18665	5.134 ug/L	92
5) Vinyl chloride	2.36	62	33431	6.938 ug/L	93
6) Bromomethane	2.78	94	25179	7.049 ug/L	99
8) Chloroethane	2.93	64	20443	6.339 ug/L	99
9) Trichlorofluoromethane	3.26	101	23347	4.571 ug/L	98
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	25569	4.867 ug/L #	79
12) 1,1-Dichloroethene	4.04	96	24480	4.768 ug/L	96
13) Acetone	4.13	43	9117	8.936 ug/L	95
14) Carbon disulfide	4.39	76	70487	4.745 ug/L	99
15) Methyl Acetate	4.67	43	10081	5.787 ug/L	98
16) Methylene chloride	4.92	84	31456m	5.664 ug/L	
17) Methyl tert-butyl Ether	5.43	73	35297	6.194 ug/L #	84
18) trans-1,2-Dichloroethene	5.42	96	25719	4.853 ug/L	95
19) 1,1-Dichloroethane	6.21	63	46036	5.145 ug/L	98
21) 2-Butanone	7.18	43	12625	10.443 ug/L	85
22) cis-1,2-Dichloroethene	7.17	96	28790	5.197 ug/L	97
23) Bromochloromethane	7.51	128	12511	4.987 ug/L	89
25) Chloroform	7.68	83	48396	5.120 ug/L	98
27) 1,2-Dichloroethane	8.40	62	33659	5.776 ug/L	98
30) Cyclohexane	7.96	56	43141	5.345 ug/L	97
31) 1,1,1-Trichloroethane	7.87	97	41105	5.139 ug/L	98
32) Carbon tetrachloride	8.07	117	36761	4.759 ug/L	96
34) Benzene	8.32	78	104377	5.189 ug/L	100
35) Trichloroethene	9.09	95	28469	5.085 ug/L	96
36) Methylcyclohexane	9.34	83	49347	5.274 ug/L	98
40) 1,2-Dichloropropane	9.37	63	25124	5.300 ug/L	99
41) Bromodichloromethane	9.65	83	33160	5.056 ug/L #	98
42) cis-1,3-Dichloropropene	10.07	75	38840	5.237 ug/L	92
43) 4-Methyl-2-pentanone	10.21	43	27285	12.067 ug/L	97

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44) Toluene	10.39	91	114293	5.224	ug/L	100
45) trans-1,3-Dichloropropene	10.61	75	32743	5.123	ug/L	95
46) 1,1,2-Trichloroethane	10.79	97	19715	5.499	ug/L	99
47) Tetrachloroethene	10.86	164	21347	4.528	ug/L	95
49) 2-Hexanone	10.98	43	18498	11.331	ug/L	98
50) Dibromochloromethane	11.13	129	21728	4.892	ug/L	91
51) 1,2-Dibromoethane	11.24	107	18755	5.466	ug/L	93
52) Chlorobenzene	11.66	112	72600	5.092	ug/L	91
53) Ethylbenzene	11.73	91	130338	5.231	ug/L	98
54) m,p-Xylene	11.84	106	48990	5.138	ug/L	98
55) o-xylene	12.16	106	46928	5.291	ug/L	96
56) Styrene	12.18	104	77095	5.170	ug/L	99
57) Isopropylbenzene	12.46	105	128054	5.257	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.71	83	22490	5.752	ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	16841	5.822	ug/L	94
62) Bromoform	12.35	173	10514	4.408	ug/L	97
63) 1,3-Dichlorobenzene	13.50	146	54984	5.064	ug/L	96
64) 1,4-Dichlorobenzene	13.58	146	57277	5.289	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	50385	5.330	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	3646	5.796	ug/L	90
67) 1,3,5-Trichlorobenzene	14.63	180	38090	4.916	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	30676	4.879	ug/L	95
69) Naphthalene	15.36	128	64595	6.340	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	28051	5.384	ug/L	97

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

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