

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV100720\
 Data File : VW016793.D
 Acq On : 06 Oct 2020 14:01
 Operator : SY/VA
 Sample : VSTD2.502
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.502

Manual Integrations
 APPROVED

MMDadoda
 10/8/2020 5:38:19 PM

Quant Time: Oct 06 15:37:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 06 15:30:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	559347	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	514424	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	252334	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	14255	2.59	ug/L	0.00
7) Chloroethane-d5	2.90	69	12921	2.86	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.03	63	31239	2.57	ug/L	0.00
20) 2-Butanone-d5	7.09	46	7116m	4.92	ug/L	0.00
24) Chloroform-d	7.65	84	32484	2.74	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	15809	2.63	ug/L	0.00
29) Benzene-d6	8.28	84	63505	2.70	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	17089	2.70	ug/L	0.00
37) Toluene-d8	10.33	98	59149	2.57	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	6799	2.17	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	4162	3.70	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	13461	2.52	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	22832	2.80	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	16022	2.303 ug/L	94
3) Chloromethane	2.21	50	14415	2.741 ug/L	98
5) Vinyl chloride	2.37	62	17829	2.353 ug/L	99
6) Bromomethane	2.79	94	14375	2.531 ug/L	96
8) Chloroethane	2.93	64	11635	2.581 ug/L	98
9) Trichlorofluoromethane	3.26	101	13640	1.889 ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.08	101	18466	2.527 ug/L	98
12) 1,1-Dichloroethene	4.05	96	17333	2.414 ug/L	95
13) Acetone	4.14	43	6205m	5.625 ug/L	
14) Carbon disulfide	4.39	76	51597	2.406 ug/L	100
15) Methyl Acetate	4.69	43	5519	2.164 ug/L #	55
16) Methylene chloride	4.92	84	24620	2.861 ug/L	90
17) Methyl tert-butyl Ether	5.43	73	19707	2.103 ug/L #	79
18) trans-1,2-Dichloroethene	5.42	96	18539	2.495 ug/L	95
19) 1,1-Dichloroethane	6.23	63	28541	2.445 ug/L	99
21) 2-Butanone	7.18	43	9493	5.026 ug/L	87
22) cis-1,2-Dichloroethene	7.18	96	18722	2.448 ug/L	96
23) Bromochloromethane	7.52	128	8784	2.376 ug/L	91
25) Chloroform	7.68	83	31054	2.447 ug/L	99
27) 1,2-Dichloroethane	8.40	62	18848	2.350 ug/L	99
30) Cyclohexane	7.96	56	25033	2.218 ug/L	99
31) 1,1,1-Trichloroethane	7.88	97	27184	2.289 ug/L	99
32) Carbon tetrachloride	8.07	117	24977	2.147 ug/L	99
34) Benzene	8.33	78	68172	2.446 ug/L	100
35) Trichloroethene	9.09	95	18894	2.352 ug/L	96
36) Methylcyclohexane	9.34	83	31863	2.341 ug/L	98
40) 1,2-Dichloropropane	9.37	63	15168	2.355 ug/L	98
41) Bromodichloromethane	9.65	83	20800	2.200 ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	22396	2.059 ug/L	97
43) 4-Methyl-2-pentanone	10.21	43	14068	3.573 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.39	91	74833	2.396	ug/L	98
45) trans-1,3-Dichloropropene	10.61	75	18300	1.950	ug/L	94
46) 1,1,2-Trichloroethane	10.79	97	12072	2.248	ug/L	95
47) Tetrachloroethene	10.87	164	18235	2.516	ug/L	96
49) 2-Hexanone	10.98	43	8681	3.475	ug/L	97
50) Dibromochloromethane	11.13	129	13620	1.957	ug/L	96
51) 1,2-Dibromoethane	11.24	107	11714	2.184	ug/L	90
52) Chlorobenzene	11.66	112	50930	2.430	ug/L	100
53) Ethylbenzene	11.73	91	82439	2.331	ug/L	98
54) m,p-Xylene	11.84	106	31523	2.270	ug/L	97
55) o-xylene	12.17	106	28851	2.172	ug/L	97
56) Styrene	12.18	104	46821	2.131	ug/L	100
57) Isopropylbenzene	12.47	105	82911	2.282	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	13115	2.190	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	9780	2.210	ug/L	97
62) Bromoform	12.35	173	7549	1.835	ug/L #	95
63) 1,3-Dichlorobenzene	13.50	146	38525	2.342	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	41411	2.579	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	36773	2.511	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	2165	2.144	ug/L	90
67) 1,3,5-Trichlorobenzene	14.63	180	30047	2.520	ug/L	97
68) 1,2,4-trichlorobenzene	15.13	180	22540	2.333	ug/L	100
69) Naphthalene	15.36	128	32631	1.930	ug/L	98
70) 1,2,3-Trichlorobenzene	15.55	180	19857	2.390	ug/L	98

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

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