

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV122420\
 Data File : VW017728.D
 Acq On : 24 Dec 2020 10:51
 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: Dec 24 12:09:50 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	401325	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	354555	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	187647	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	135397	25.15	ug/L	0.00
7) Chloroethane-d5	2.89	69	113590	24.87	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.02	63	254721	21.89	ug/L	0.00
20) 2-Butanone-d5	7.08	46	42987	38.89	ug/L	0.00
24) Chloroform-d	7.65	84	243701	21.62	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.30	65	125526	22.28	ug/L	0.00
29) Benzene-d6	8.27	84	471734	21.84	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	132279	21.98	ug/L	0.00
37) Toluene-d8	10.32	98	454734	23.00	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	58473	21.70	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	30260	40.71	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	95277	21.66	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	148659	21.56	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	101571	25.733	ug/L 100
3) Chloromethane	2.21	50	86182	22.277	ug/L 100
5) Vinyl chloride	2.37	62	154510	30.130	ug/L 100
6) Bromomethane	2.78	94	122847	32.319	ug/L 100
8) Chloroethane	2.93	64	99511	28.994	ug/L 100
9) Trichlorofluoromethane	3.26	101	119745	22.032	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	125809	22.505	ug/L 100
12) 1,1-Dichloroethene	4.04	96	122493	22.418	ug/L 100
13) Acetone	4.13	43	40762	37.544	ug/L 100
14) Carbon disulfide	4.38	76	374155	23.669	ug/L 100
15) Methyl Acetate	4.67	43	38318	20.672	ug/L 100
16) Methylene chloride	4.92	84	119684	20.251	ug/L 100
17) Methyl tert-butyl Ether	5.42	73	151819	25.037	ug/L 100
18) trans-1,2-Dichloroethene	5.42	96	131437	23.305	ug/L 100
19) 1,1-Dichloroethane	6.21	63	221223	23.232	ug/L 100
21) 2-Butanone	7.17	43	53420	41.522	ug/L 100
22) cis-1,2-Dichloroethene	7.17	96	136305	23.122	ug/L 100
23) Bromochloromethane	7.52	128	57852	21.670	ug/L 100
25) Chloroform	7.67	83	236033	23.466	ug/L 100
27) 1,2-Dichloroethane	8.40	62	150526	24.271	ug/L 100
30) Cyclohexane	7.96	56	212426	25.133	ug/L 100
31) 1,1,1-Trichloroethane	7.87	97	206407	24.644	ug/L 100
32) Carbon tetrachloride	8.07	117	195976	24.228	ug/L 100
34) Benzene	8.32	78	501327	23.800	ug/L 100
35) Trichloroethene	9.09	95	138835	23.683	ug/L 100
36) Methylcyclohexane	9.34	83	248826	25.397	ug/L 100
40) 1,2-Dichloropropane	9.37	63	118924	23.958	ug/L 100
41) Bromodichloromethane	9.65	83	164182	23.908	ug/L 100
42) cis-1,3-Dichloropropene	10.07	75	194442	25.036	ug/L 100
43) 4-Methyl-2-pentanone	10.21	43	113339	47.871	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.39	91	572883	25.009	ug/L	100
45) trans-1,3-Dichloropropene	10.60	75	165740	24.765	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	86725	23.103	ug/L	100
47) Tetrachloroethene	10.87	164	108875	22.057	ug/L	100
49) 2-Hexanone	10.97	43	82925	48.512	ug/L	100
50) Dibromochloromethane	11.13	129	106771	22.958	ug/L	100
51) 1,2-Dibromoethane	11.24	107	82248	22.893	ug/L	100
52) Chlorobenzene	11.66	112	362241	24.263	ug/L	100
53) Ethylbenzene	11.73	91	661135	25.338	ug/L	100
54) m,p-Xylene	11.84	106	259460	25.989	ug/L	100
55) o-xylene	12.16	106	240903	25.941	ug/L	100
56) Styrene	12.18	104	403109	25.814	ug/L	100
57) Isopropylbenzene	12.46	105	674202	26.431	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	96469	23.561	ug/L	100
59) 1,2,3-Trichloropropane	12.77	75	71068	23.463	ug/L	100
62) Bromoform	12.35	173	56128	21.409	ug/L	100
63) 1,3-Dichlorobenzene	13.50	146	277217	23.229	ug/L	100
64) 1,4-Dichlorobenzene	13.58	146	278936	23.435	ug/L	100
65) 1,2-Dichlorobenzene	13.87	146	244991	23.580	ug/L	100
66) 1,2-Dibromo-3-chloropropan	14.48	75	15708	22.719	ug/L	100
67) 1,3,5-Trichlorobenzene	14.63	180	196468	23.070	ug/L	100
68) 1,2,4-trichlorobenzene	15.13	180	160987	23.294	ug/L	100
69) Naphthalene	15.36	128	293251	26.186	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	131100	22.893	ug/L	100

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

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