

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV102220\
 Data File : VW016962.D
 Acq On : 22 Oct 2020 10:52
 Operator : SY/VA
 Sample : VSTD02505
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02505

Quant Time: Oct 22 12:05:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 22 11:56:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	536260	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	489939	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	244415	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	138577	26.01	ug/L	0.00
7) Chloroethane-d5	2.90	69	109474	24.67	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.03	63	280731	24.98	ug/L	0.00
20) 2-Butanone-d5	7.09	46	49217	41.84	ug/L	0.00
24) Chloroform-d	7.65	84	278730	24.56	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	126393	23.25	ug/L	0.00
29) Benzene-d6	8.28	84	560312	25.09	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.28	67	150274	24.94	ug/L	0.00
37) Toluene-d8	10.32	98	531802	25.21	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	64430	24.50	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	42274	46.49	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	110709	23.14	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	189984	24.45	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	160866	25.387	ug/L 100
3) Chloromethane	2.22	50	127357	22.977	ug/L 100
5) Vinyl chloride	2.37	62	197603	26.730	ug/L 100
6) Bromomethane	2.79	94	131324	24.406	ug/L 100
8) Chloroethane	2.93	64	114500	25.331	ug/L 100
9) Trichlorofluoromethane	3.27	101	158290	27.487	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	189656	26.118	ug/L 100
12) 1,1-Dichloroethene	4.04	96	177804	25.594	ug/L 100
13) Acetone	4.14	43	35146	39.550	ug/L 100
14) Carbon disulfide	4.39	76	532227	26.501	ug/L 100
15) Methyl Acetate	4.68	43	47237	22.161	ug/L 100
16) Methylene chloride	4.92	84	166451	22.450	ug/L 100
17) Methyl tert-butyl Ether	5.43	73	188311	24.334	ug/L 100
18) trans-1,2-Dichloroethene	5.43	96	186729	25.628	ug/L 100
19) 1,1-Dichloroethane	6.22	63	284297	25.363	ug/L 100
21) 2-Butanone	7.18	43	60011	39.957	ug/L 100
22) cis-1,2-Dichloroethene	7.17	96	187235	25.192	ug/L 100
23) Bromochloromethane	7.52	128	84996	24.463	ug/L 100
25) Chloroform	7.68	83	301644	24.960	ug/L 100
27) 1,2-Dichloroethane	8.40	62	165694	23.281	ug/L 100
30) Cyclohexane	7.96	56	266889	26.184	ug/L 100
31) 1,1,1-Trichloroethane	7.88	97	271029	25.829	ug/L 100
32) Carbon tetrachloride	8.07	117	256038	25.266	ug/L 100
34) Benzene	8.33	78	672700	25.494	ug/L 100
35) Trichloroethene	9.10	95	187475	25.212	ug/L 100
36) Methylcyclohexane	9.34	83	326393	25.964	ug/L 100
40) 1,2-Dichloropropane	9.37	63	150685	25.234	ug/L 100
41) Bromodichloromethane	9.65	83	205390	24.620	ug/L 100
42) cis-1,3-Dichloropropene	10.08	75	239300	25.258	ug/L 100
43) 4-Methyl-2-pentanone	10.21	43	134858	45.769	ug/L 100

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44) Toluene	10.39	91	745304	25.453	ug/L	100
45) trans-1,3-Dichloropropene	10.61	75	197962	24.916	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	116902	24.226	ug/L	100
47) Tetrachloroethene	10.87	164	171384	24.836	ug/L	100
49) 2-Hexanone	10.97	43	88175	45.594	ug/L	100
50) Dibromochloromethane	11.13	129	145829	24.439	ug/L	100
51) 1,2-Dibromoethane	11.24	107	110266	23.471	ug/L	100
52) Chlorobenzene	11.66	112	487032	24.887	ug/L	100
53) Ethylbenzene	11.73	91	843312	25.629	ug/L	100
54) m,p-Xylene	11.84	106	334104	26.124	ug/L	100
55) o-xylene	12.17	106	302378	25.006	ug/L	100
56) Styrene	12.18	104	518016	25.726	ug/L	100
57) Isopropylbenzene	12.47	105	863529	25.887	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	124388	23.560	ug/L	100
59) 1,2,3-Trichloropropane	12.77	75	88174	23.063	ug/L	100
62) Bromoform	12.35	173	83382	24.263	ug/L	100
63) 1,3-Dichlorobenzene	13.50	146	394817	25.309	ug/L	100
64) 1,4-Dichlorobenzene	13.58	146	389666	24.915	ug/L	100
65) 1,2-Dichlorobenzene	13.87	146	346845	24.857	ug/L	100
66) 1,2-Dibromo-3-chloropropan	14.49	75	17604	21.295	ug/L	100
67) 1,3,5-Trichlorobenzene	14.63	180	291445	25.149	ug/L	100
68) 1,2,4-trichlorobenzene	15.13	180	231924	24.589	ug/L	100
69) Naphthalene	15.36	128	367597	23.845	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	196479	24.326	ug/L	100

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

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