

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV100720\
 Data File : VW016795.D
 Acq On : 06 Oct 2020 14:48
 Operator : SY/VA
 Sample : VSTD02504
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02504

Quant Time: Oct 06 15:33:11 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	8.84	114	569677	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	514839	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	264565	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	142092	25.39	ug/L	0.00
7) Chloroethane-d5	2.89	69	116356	25.30	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.03	63	297917	24.07	ug/L	0.00
20) 2-Butanone-d5	7.09	46	58081	39.39	ug/L	0.00
24) Chloroform-d	7.65	84	291801	24.19	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	138046	22.52	ug/L	0.00
29) Benzene-d6	8.27	84	578468	24.56	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.28	67	151982	23.97	ug/L	0.00
37) Toluene-d8	10.32	98	545818	23.70	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	68728	21.95	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	48472	43.04	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	122526	22.91	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	203224	23.75	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	180610	25.492	ug/L 100
3) Chloromethane	2.21	50	149538	27.923	ug/L 100
5) Vinyl chloride	2.37	62	202274	26.208	ug/L 100
6) Bromomethane	2.79	94	141062	24.383	ug/L 100
8) Chloroethane	2.93	64	122557	26.694	ug/L 100
9) Trichlorofluoromethane	3.26	101	156032	21.217	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	195942	26.331	ug/L 100
12) 1,1-Dichloroethene	4.05	96	187071	25.580	ug/L 100
13) Acetone	4.14	43	42152	37.520	ug/L 100
14) Carbon disulfide	4.39	76	538480	24.659	ug/L 100
15) Methyl Acetate	4.68	43	54832	21.107	ug/L 100
16) Methylene chloride	4.92	84	175016	19.969	ug/L 100
17) Methyl tert-butyl Ether	5.43	73	202740	21.239	ug/L 100
18) trans-1,2-Dichloroethene	5.43	96	192670	25.455	ug/L 100
19) 1,1-Dichloroethane	6.22	63	294734	24.788	ug/L 100
21) 2-Butanone	7.18	43	69158	35.952	ug/L 100
22) cis-1,2-Dichloroethene	7.17	96	193370	24.821	ug/L 100
23) Bromochloromethane	7.52	128	89801	23.848	ug/L 100
25) Chloroform	7.68	83	315187	24.386	ug/L 100
27) 1,2-Dichloroethane	8.40	62	187817	22.994	ug/L 100
30) Cyclohexane	7.96	56	276161	24.444	ug/L 100
31) 1,1,1-Trichloroethane	7.88	97	275040	23.138	ug/L 100
32) Carbon tetrachloride	8.07	117	273493	23.493	ug/L 100
34) Benzene	8.33	78	696935	24.984	ug/L 100
35) Trichloroethene	9.09	95	197809	24.605	ug/L 100
36) Methylcyclohexane	9.34	83	335431	24.628	ug/L 100
40) 1,2-Dichloropropane	9.37	63	155454	24.112	ug/L 100
41) Bromodichloromethane	9.65	83	217873	23.031	ug/L 100
42) cis-1,3-Dichloropropene	10.07	75	252961	23.235	ug/L 100
43) 4-Methyl-2-pentanone	10.21	43	154499	39.207	ug/L 100

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44) Toluene	10.39	91	770840	24.656	ug/L	100
45) trans-1,3-Dichloropropene	10.61	75	212865	22.668	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	124271	23.128	ug/L	100
47) Tetrachloroethene	10.87	164	179959	24.809	ug/L	100
49) 2-Hexanone	10.97	43	103965	41.585	ug/L	100
50) Dibromochloromethane	11.13	129	159215	22.858	ug/L	100
51) 1,2-Dibromoethane	11.24	107	123063	22.924	ug/L	100
52) Chlorobenzene	11.66	112	514150	24.508	ug/L	100
53) Ethylbenzene	11.73	91	864931	24.433	ug/L	100
54) m,p-Xylene	11.84	106	343851	24.741	ug/L	100
55) o-xylene	12.17	106	327534	24.638	ug/L	100
56) Styrene	12.18	104	536606	24.398	ug/L	100
57) Isopropylbenzene	12.47	105	902055	24.807	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	139277	23.237	ug/L	100
59) 1,2,3-Trichloropropane	12.77	75	99061	22.370	ug/L	100
62) Bromoform	12.35	173	90477	20.978	ug/L	100
63) 1,3-Dichlorobenzene	13.50	146	421344	24.430	ug/L	100
64) 1,4-Dichlorobenzene	13.58	146	410541	24.382	ug/L	100
65) 1,2-Dichlorobenzene	13.87	146	371869	24.221	ug/L	100
66) 1,2-Dibromo-3-chloropropan	14.49	75	21511	20.318	ug/L	100
67) 1,3,5-Trichlorobenzene	14.63	180	311934	24.955	ug/L	100
68) 1,2,4-trichlorobenzene	15.13	180	259818	25.648	ug/L	100
69) Naphthalene	15.37	128	439844	24.814	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	224019	25.718	ug/L	100

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

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