

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV122420\
 Data File : VW017729.D
 Acq On : 24 Dec 2020 11:29
 Operator : SY/VA
 Sample : VSTD05004
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD05004

Quant Time: Dec 24 12:10:01 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	410626	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	375304	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	198194	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	287426	52.17	ug/L	0.00
7) Chloroethane-d5	2.89	69	248820	53.25	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.03	63	535951	45.02	ug/L	0.00
20) 2-Butanone-d5	7.07	46	89947	79.52	ug/L	0.00
24) Chloroform-d	7.65	84	525050	45.52	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	261617	45.38	ug/L	0.00
29) Benzene-d6	8.27	84	1036060	45.31	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	283084	44.43	ug/L	0.00
37) Toluene-d8	10.32	98	1012285	48.38	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	131483	46.09	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	68582	87.16	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	202991	43.60	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	329956	45.31	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	202844	50.226	ug/L 96
3) Chloromethane	2.21	50	183023	46.238	ug/L 99
5) Vinyl chloride	2.37	62	305338	58.194	ug/L 100
6) Bromomethane	2.78	94	239777	61.652	ug/L 99
8) Chloroethane	2.92	64	197292	56.182	ug/L 98
9) Trichlorofluoromethane	3.26	101	246917	44.402	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	248473	43.440	ug/L 100
12) 1,1-Dichloroethene	4.04	96	239467	42.834	ug/L 89
13) Acetone	4.12	43	77215	69.508	ug/L 96
14) Carbon disulfide	4.38	76	752344	46.514	ug/L 99
15) Methyl Acetate	4.67	43	72906	38.440	ug/L 99
16) Methylene chloride	4.92	84	240184	39.720	ug/L 92
17) Methyl tert-butyl Ether	5.42	73	284471	45.850	ug/L 99
18) trans-1,2-Dichloroethene	5.42	96	264745	45.878	ug/L 93
19) 1,1-Dichloroethane	6.21	63	445535	45.729	ug/L 98
21) 2-Butanone	7.16	43	99722	75.756	ug/L 99
22) cis-1,2-Dichloroethene	7.17	96	271401	44.995	ug/L 96
23) Bromochloromethane	7.51	128	110999	40.635	ug/L 89
25) Chloroform	7.68	83	463655	45.051	ug/L 100
27) 1,2-Dichloroethane	8.40	62	284694	44.865	ug/L 99
30) Cyclohexane	7.96	56	423249	47.307	ug/L 100
31) 1,1,1-Trichloroethane	7.87	97	413151	46.601	ug/L 100
32) Carbon tetrachloride	8.07	117	400667	46.795	ug/L 100
34) Benzene	8.32	78	1016727	45.600	ug/L 100
35) Trichloroethene	9.09	95	284634	45.870	ug/L 98
36) Methylcyclohexane	9.34	83	498938	48.110	ug/L 98
40) 1,2-Dichloropropane	9.37	63	234503	44.630	ug/L 99
41) Bromodichloromethane	9.64	83	331252	45.569	ug/L 99
42) cis-1,3-Dichloropropene	10.07	75	391319	47.600	ug/L 98
43) 4-Methyl-2-pentanone	10.21	43	213116	85.038	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.39	91	1177922	48.579	ug/L	94
45) trans-1,3-Dichloropropene	10.60	75	331845	46.843	ug/L	97
46) 1,1,2-Trichloroethane	10.79	97	167026	42.035	ug/L	96
47) Tetrachloroethene	10.86	164	229692	43.960	ug/L	96
49) 2-Hexanone	10.97	43	156687	86.596	ug/L	98
50) Dibromochloromethane	11.13	129	215420	43.759	ug/L	97
51) 1,2-Dibromoethane	11.24	107	160848	42.295	ug/L	95
52) Chlorobenzene	11.66	112	718467	45.462	ug/L	95
53) Ethylbenzene	11.73	91	1335369	48.349	ug/L	97
54) m,p-Xylene	11.84	106	526620	49.832	ug/L	96
55) o-xylene	12.16	106	505506	51.425	ug/L	97
56) Styrene	12.18	104	869418	52.598	ug/L	94
57) Isopropylbenzene	12.46	105	1427488	52.868	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.71	83	185775	42.864	ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	135054	42.124	ug/L	99
62) Bromoform	12.35	173	116304	42.000	ug/L	100
63) 1,3-Dichlorobenzene	13.50	146	584467	46.369	ug/L	96
64) 1,4-Dichlorobenzene	13.58	146	580999	46.215	ug/L	95
65) 1,2-Dichlorobenzene	13.87	146	500098	45.571	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.49	75	28815	39.458	ug/L #	79
67) 1,3,5-Trichlorobenzene	14.63	180	391162	43.488	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	311020	42.607	ug/L	98
69) Naphthalene	15.36	128	563825	47.668	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	254025	41.998	ug/L	96

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

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