

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102121\
 Data File : VW020658.D
 Acq On : 21 Oct 2021 09:03
 Operator : SY/VA
 Sample : VSTD05004
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD050404

Quant Time: Oct 21 09:22:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM102121SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 21 09:15:34 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	198314	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	187015	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	97914	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	146896	49.994	ug/L	0.00
7) Chloroethane-d5	2.873	69	53799	35.987	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.013	63	279039	47.361	ug/L	0.00
21) 2-Butanone-d5	7.080	46	95374	109.331	ug/L	0.00
24) Chloroform-d	7.647	84	285972	45.439	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	170250	47.333	ug/L	0.00
32) Benzene-d6	8.275	84	563973	46.419	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	177152	44.773	ug/L	0.00
41) Toluene-d8	10.323	98	522980	47.784	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	78723	48.859	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	73750	119.548	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.689	84	144189	48.133	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	164265	43.482	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	80156	61.032	ug/L	98
3) Chloromethane	2.215	50	130038	48.467	ug/L	97
5) Vinyl chloride	2.355	62	170492	45.925	ug/L	99
6) Bromomethane	2.763	94	62518	39.236	ug/L	100
8) Chloroethane	2.910	64	45139	33.541	ug/L	97
9) Trichlorofluoromethane	3.245	101	64749	32.793	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	143389	47.558	ug/L	97
12) 1,1-Dichloroethene	4.032	96	133252	48.379	ug/L	91
13) Acetone	4.123	43	84566	105.097	ug/L	96
14) Carbon disulfide	4.379	76	431883	47.879	ug/L	100
15) Methyl Acetate	4.672	43	82435	55.312	ug/L	99
16) Methylene chloride	4.916	84	141332	37.163	ug/L	98
17) trans-1,2-Dichloroethene	5.422	96	142570	49.177	ug/L	95
18) Methyl tert-butyl Ether	5.428	73	219824	53.784	ug/L	99
19) 1,1-Dichloroethane	6.214	63	284274	47.842	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	151140	50.299	ug/L	98
22) 2-Butanone	7.171	43	118794	118.760	ug/L	99
23) Bromochloromethane	7.513	128	65366	49.447	ug/L	93
25) Chloroform	7.677	83	277668	47.909	ug/L	99
27) 1,2-Dichloroethane	8.403	62	197972	49.869	ug/L	99
29) Cyclohexane	7.952	56	293143	54.173	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	218528	47.411	ug/L	99
31) Carbon tetrachloride	8.067	117	192972	47.626	ug/L	99
33) Benzene	8.323	78	630849	47.744	ug/L	100
34) Trichloroethene	9.092	95	152424	47.043	ug/L	99
35) Methylcyclohexane	9.335	83	288387	51.920	ug/L	98
37) 1,2-Dichloropropane	9.366	63	162557	47.604	ug/L	100
38) Bromodichloromethane	9.646	83	197020	47.911	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	246423	52.361	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	242546	117.727	ug/L	100
42) Toluene	10.390	91	660589	49.894	ug/L	95
44) trans-1,3-Dichloropropene	10.604	75	221196	53.396	ug/L	98

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45) 1,1,2-Trichloroethane	10.786	97	108955	49.610	ug/L	97
46) Tetrachloroethene	10.866	164	113408	48.434	ug/L	97
48) 2-Hexanone	10.969	43	182205	121.005	ug/L	99
49) Dibromochloromethane	11.128	129	125199	51.914	ug/L	97
50) 1,2-Dibromoethane	11.238	107	104949	52.025	ug/L	99
51) Chlorobenzene	11.658	112	383321	46.952	ug/L	98
52) Ethylbenzene	11.731	91	732642	51.088	ug/L	99
53) m,p-Xylene	11.835	106	269250	50.509	ug/L	100
54) o-Xylene	12.164	106	257889	52.500	ug/L	98
55) Styrene	12.176	104	445983	51.592	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	139672	51.202	ug/L	97
59) Bromoform	12.347	173	70109	51.464	ug/L	100
60) Isopropylbenzene	12.463	105	711601	50.473	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	107209	50.301	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	604741	52.338	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	601976	52.549	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	292314	47.641	ug/L	99
65) 1,4-Dichlorobenzene	13.579	146	299286	47.187	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	264852	47.043	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	24920	54.294	ug/L	96
69) 1,3,5-Trichlorobenzene	14.627	180	209572	47.909	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	175092	51.035	ug/L	93
71) Naphthalene	15.359	128	349120	55.556	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	152083	49.794	ug/L	98

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

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