

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120921\
 Data File : VW021244.D
 Acq On : 09 Dec 2021 13:34
 Operator : SY/VA
 Sample : VSTD10035
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD100435

Quant Time: Dec 09 15:10:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 09 15:08:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	123787	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	118838	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	66542	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	214948	116.162	ug/L	0.00
7) Chloroethane-d5	2.873	69	138753	112.530	ug/L	-0.01
11) 1,1-Dichloroethene-d2	4.013	63	289305	103.948	ug/L	-0.01
21) 2-Butanone-d5	7.080	46	64388	169.807	ug/L	0.00
24) Chloroform-d	7.647	84	347248	111.390	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	183250	109.801	ug/L	0.00
32) Benzene-d6	8.275	84	655363	108.187	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.275	67	175780	106.081	ug/L	0.00
41) Toluene-d8	10.323	98	694457	111.932	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	92369	121.142	ug/L	0.00
47) 2-Hexanone-d5	10.921	63	58033	191.345	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.689	84	149119	97.362	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	249411	104.794	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.008	85	56336	99.871	ug/L	99
3) Chloromethane	2.209	50	148229	107.299	ug/L	98
5) Vinyl chloride	2.361	62	227825	97.744	ug/L	95
6) Bromomethane	2.770	94	139077	88.414	ug/L	100
8) Chloroethane	2.916	64	107001	106.351	ug/L	97
9) Trichlorofluoromethane	3.257	101	120764	104.577	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	163637	94.869	ug/L	92
12) 1,1-Dichloroethene	4.044	96	153348	96.380	ug/L	70
13) Acetone	4.123	43	48405	141.168	ug/L	97
14) Carbon disulfide	4.379	76	406048	95.998	ug/L	99
15) Methyl Acetate	4.666	43	47847	79.392	ug/L	# 89
16) Methylene chloride	4.916	84	140890	74.598	ug/L	84
17) trans-1,2-Dichloroethene	5.422	96	169789	101.636	ug/L	82
18) Methyl tert-butyl Ether	5.428	73	231073	94.164	ug/L	94
19) 1,1-Dichloroethane	6.220	63	266083	101.024	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	185043	105.090	ug/L	76
22) 2-Butanone	7.171	43	76755	161.665	ug/L	85
23) Bromochloromethane	7.519	128	82889	101.024	ug/L	# 69
25) Chloroform	7.677	83	317848	107.752	ug/L	98
27) 1,2-Dichloroethane	8.397	62	204137	105.983	ug/L	99
29) Cyclohexane	7.958	56	257116	101.953	ug/L	# 82
30) 1,1,1-Trichloroethane	7.872	97	288676	106.055	ug/L	95
31) Carbon tetrachloride	8.067	117	275408	110.954	ug/L	98
33) Benzene	8.324	78	673931	102.543	ug/L	100
34) Trichloroethene	9.092	95	187826	103.550	ug/L	94
35) Methylcyclohexane	9.336	83	316980	103.360	ug/L	# 85
37) 1,2-Dichloropropane	9.366	63	152127	103.649	ug/L	# 96
38) Bromodichloromethane	9.646	83	227351	110.177	ug/L	# 97
39) cis-1,3-Dichloropropene	10.073	75	266044	112.173	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	170479	178.071	ug/L	# 91
42) Toluene	10.390	91	809561	107.673	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	244361	115.935	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.787	97	125308	100.822	ug/L	94
46) Tetrachloroethene	10.866	164	171384	100.252	ug/L	97
48) 2-Hexanone	10.969	43	129558	187.461	ug/L #	92
49) Dibromochloromethane	11.128	129	168530	110.861	ug/L	98
50) 1,2-Dibromoethane	11.238	107	127746	102.879	ug/L #	93
51) Chlorobenzene	11.658	112	536769	106.121	ug/L	91
52) Ethylbenzene	11.731	91	944039	109.689	ug/L	100
53) m,p-Xylene	11.841	106	381364	107.217	ug/L	90
54) o-Xylene	12.164	106	372078	111.234	ug/L	100
55) Styrene	12.183	104	663194	115.818	ug/L	91
57) 1,1,2,2-Tetrachloroethane	12.713	83	141258	95.852	ug/L #	99
59) Bromoform	12.347	173	99842	114.183	ug/L	99
60) Isopropylbenzene	12.463	105	1033089	114.907	ug/L	95
61) 1,2,3-Trichloropropane	12.768	75	104566	99.998	ug/L #	92
62) 1,3,5-Trimethylbenzene	12.945	105	873059	115.379	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	859768	113.285	ug/L	95
64) 1,3-Dichlorobenzene	13.499	146	459304	108.855	ug/L	93
65) 1,4-Dichlorobenzene	13.573	146	437214	104.482	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	393735	104.877	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	23213	103.132	ug/L #	67
69) 1,3,5-Trichlorobenzene	14.627	180	297280	95.485	ug/L	92
70) 1,2,4-trichlorobenzene	15.127	180	263599	107.296	ug/L	96
71) Naphthalene	15.365	128	449243	98.539	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	207793	95.303	ug/L	97

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

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