

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120921\
 Data File : VW021243.D
 Acq On : 09 Dec 2021 13:10
 Operator : SY/VA
 Sample : VSTD05034
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD050434

Quant Time: Dec 09 15:10:20 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	8.848	114	105177	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	115120	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	64977	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	112361	71.466	ug/L	0.00
7) Chloroethane-d5	2.879	69	72308	69.019	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.019	63	136157	57.577	ug/L	0.00
21) 2-Butanone-d5	7.086	46	24887	77.246	ug/L	0.00
24) Chloroform-d	7.653	84	147964	55.862	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	83880	59.153	ug/L	0.00
32) Benzene-d6	8.275	84	302522	51.553	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	78299	48.778	ug/L	0.00
41) Toluene-d8	10.323	98	326929	54.396	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	41745	56.517	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	24867	84.639	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.695	84	71326	48.074	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	126307	54.348	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	24274	50.647	ug/L	99
3) Chloromethane	2.209	50	69107	58.876	ug/L	99
5) Vinyl chloride	2.355	62	110314	55.702	ug/L	94
6) Bromomethane	2.776	94	70087	52.440	ug/L	96
8) Chloroethane	2.916	64	52268	61.142	ug/L	98
9) Trichlorofluoromethane	3.257	101	55891	56.963	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	73656	50.258	ug/L	91
12) 1,1-Dichloroethene	4.038	96	66695	49.335	ug/L	85
13) Acetone	4.153	43	17822	61.173	ug/L	89
14) Carbon disulfide	4.379	76	180056	50.101	ug/L	99
15) Methyl Acetate	4.684	43	20016	39.089	ug/L	# 88
16) Methylene chloride	4.915	84	66085	41.182	ug/L	85
17) trans-1,2-Dichloroethene	5.428	96	71540	50.401	ug/L	82
18) Methyl tert-butyl Ether	5.428	73	96831	46.441	ug/L	94
19) 1,1-Dichloroethane	6.220	63	112449	50.248	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	74580	49.850	ug/L	74
22) 2-Butanone	7.183	43	28684	71.106	ug/L	87
23) Bromochloromethane	7.519	128	34292	49.190	ug/L	# 66
25) Chloroform	7.677	83	127968	51.058	ug/L	99
27) 1,2-Dichloroethane	8.403	62	85879	52.475	ug/L	98
29) Cyclohexane	7.958	56	107036	43.813	ug/L	# 82
30) 1,1,1-Trichloroethane	7.872	97	116966	44.359	ug/L	95
31) Carbon tetrachloride	8.073	117	112407	46.748	ug/L	98
33) Benzene	8.329	78	295108	46.353	ug/L	100
34) Trichloroethene	9.092	95	81052	46.128	ug/L	94
35) Methylcyclohexane	9.335	83	139092	46.819	ug/L	# 85
37) 1,2-Dichloropropane	9.366	63	66495	46.769	ug/L	# 96
38) Bromodichloromethane	9.646	83	95019	47.535	ug/L	# 98
39) cis-1,3-Dichloropropene	10.073	75	114406	49.795	ug/L	98
40) 4-Methyl-2-pentanone	10.213	43	71388	76.975	ug/L	# 90
42) Toluene	10.390	91	360220	49.457	ug/L	96
44) trans-1,3-Dichloropropene	10.603	75	105148	51.498	ug/L	98

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

45) 1,1,2-Trichloroethane	10.786	97	55415	46.027	ug/L	95
46) Tetrachloroethene	10.866	164	83650	50.512	ug/L	91
48) 2-Hexanone	10.969	43	53501	79.912	ug/L #	92
49) Dibromochloromethane	11.128	129	75500	51.269	ug/L	87
50) 1,2-Dibromoethane	11.238	107	55857	46.437	ug/L #	97
51) Chlorobenzene	11.658	112	240691	49.122	ug/L	89
52) Ethylbenzene	11.731	91	420748	50.466	ug/L	98
53) m,p-Xylene	11.841	106	169543	49.205	ug/L	86
54) o-Xylene	12.164	106	160417	49.506	ug/L	99
55) Styrene	12.182	104	283675	51.140	ug/L	88
57) 1,1,2,2-Tetrachloroethane	12.713	83	64076	44.884	ug/L #	98
59) Bromoform	12.353	173	43482	50.925	ug/L #	98
60) Isopropylbenzene	12.463	105	449149	51.160	ug/L	96
61) 1,2,3-Trichloropropane	12.768	75	46721	45.756	ug/L #	91
62) 1,3,5-Trimethylbenzene	12.945	105	389350	52.694	ug/L	95
63) 1,2,4-Trimethylbenzene	13.249	105	388373	52.406	ug/L	96
64) 1,3-Dichlorobenzene	13.499	146	211223	51.266	ug/L	96
65) 1,4-Dichlorobenzene	13.579	146	207385	50.753	ug/L	95
67) 1,2-Dichlorobenzene	13.871	146	178080	48.576	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	9654	43.924	ug/L #	70
69) 1,3,5-Trichlorobenzene	14.627	180	152966	50.315	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	124205	51.774	ug/L	90
71) Naphthalene	15.359	128	206620	46.413	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	101994	47.905	ug/L	98

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

