

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091421\
 Data File : VW020013.D
 Acq On : 14 Sep 2021 15:09
 Operator : SY/VA
 Sample : VSTD02546
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025446

Quant Time: Sep 14 15:54:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091421SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Sep 14 15:49:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	288265	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	273031	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	140627	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	132769	29.097	ug/L	0.00
7) Chloroethane-d5	2.897	69	108435	27.167	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.031	63	198664	25.539	ug/L	0.00
21) 2-Butanone-d5	7.080	46	61850	63.000	ug/L	0.00
24) Chloroform-d	7.653	84	190975	24.204	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.311	65	111806	25.776	ug/L	0.00
32) Benzene-d6	8.281	84	384623	24.941	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	105896	22.889	ug/L	0.00
41) Toluene-d8	10.329	98	360473	25.429	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	50615	25.973	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	45594	63.798	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.695	84	105354	26.696	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	115794	23.903	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.013	85	78526	27.040	ug/L	99
3) Chloromethane	2.221	50	95198	26.387	ug/L	99
5) Vinyl chloride	2.373	62	164729	29.867	ug/L	97
6) Bromomethane	2.788	94	110200	27.226	ug/L	94
8) Chloroethane	2.934	64	100045	28.026	ug/L	94
9) Trichlorofluoromethane	3.269	101	99884	28.574	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	106105	26.102	ug/L	96
12) 1,1-Dichloroethene	4.050	96	100420	25.394	ug/L	94
13) Acetone	4.135	43	54740	63.773	ug/L	91
14) Carbon disulfide	4.391	76	330529	26.062	ug/L	99
15) Methyl Acetate	4.678	43	54955	31.248	ug/L	100
16) Methylene chloride	4.922	84	106149	21.263	ug/L	98
17) trans-1,2-Dichloroethene	5.428	96	106163	25.636	ug/L	96
18) Methyl tert-butyl Ether	5.434	73	127702	26.404	ug/L	99
19) 1,1-Dichloroethane	6.220	63	183385	25.000	ug/L	98
20) cis-1,2-Dichloroethene	7.177	96	106990	25.626	ug/L	98
22) 2-Butanone	7.177	43	75906	68.136	ug/L	97
23) Bromochloromethane	7.519	128	48466	25.616	ug/L	95
25) Chloroform	7.683	83	190688	25.036	ug/L	99
27) 1,2-Dichloroethane	8.403	62	133986	26.595	ug/L	99
29) Cyclohexane	7.964	56	166978	26.023	ug/L	99
30) 1,1,1-Trichloroethane	7.878	97	162380	26.302	ug/L	100
31) Carbon tetrachloride	8.073	117	154639	26.664	ug/L	100
33) Benzene	8.329	78	422267	25.146	ug/L	100
34) Trichloroethene	9.098	95	109945	25.118	ug/L	97
35) Methylcyclohexane	9.341	83	197509	26.331	ug/L	98
37) 1,2-Dichloropropane	9.372	63	101634	24.533	ug/L	100
38) Bromodichloromethane	9.646	83	133584	24.733	ug/L	94
39) cis-1,3-Dichloropropene	10.079	75	154439	25.274	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	147024	62.149	ug/L	99
42) Toluene	10.390	91	463830	25.969	ug/L	97
44) trans-1,3-Dichloropropene	10.610	75	147222	26.868	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091421\
 Data File : VW020013.D
 Acq On : 14 Sep 2021 15:09
 Operator : SY/VA
 Sample : VSTD02546
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025446

Quant Time: Sep 14 15:54:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091421SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Sep 14 15:49:13 2021
 Response via : Initial Calibration

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

45) 1,1,2-Trichloroethane	10.786	97	79089	25.875	ug/L	98
46) Tetrachloroethene	10.866	164	85219	25.588	ug/L	96
48) 2-Hexanone	10.969	43	111145	66.425	ug/L	99
49) Dibromochloromethane	11.128	129	92038	26.292	ug/L	91
50) 1,2-Dibromoethane	11.237	107	78714	27.127	ug/L #	98
51) Chlorobenzene	11.658	112	283743	24.974	ug/L	98
52) Ethylbenzene	11.731	91	495717	25.730	ug/L	99
53) m,p-Xylene	11.841	106	193934	26.183	ug/L	98
54) o-Xylene	12.170	106	181508	25.992	ug/L	98
55) Styrene	12.182	104	314350	26.257	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	104032	27.170	ug/L	98
59) Bromoform	12.353	173	53354	27.326	ug/L	98
60) Isopropylbenzene	12.463	105	494685	25.821	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	81774	28.187	ug/L	98
62) 1,3,5-Trimethylbenzene	12.944	105	411708	26.859	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	399201	25.910	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	221427	25.622	ug/L	99
65) 1,4-Dichlorobenzene	13.578	146	214474	24.435	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	196362	25.185	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.487	75	20180	30.924	ug/L	90
69) 1,3,5-Trichlorobenzene	14.627	180	150312	25.451	ug/L	98
70) 1,2,4-trichlorobenzene	15.133	180	117243	25.604	ug/L	95
71) Naphthalene	15.365	128	265534	28.538	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	113422	26.719	ug/L	94

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

