

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW112224\  
 Data File : VW031101.D  
 Acq On : 22 Nov 2024 14:56  
 Operator : SY/MD  
 Sample : VSTDCCC025EC  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTD025575

Quant Time: Nov 22 22:12:06 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM112024SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Nov 22 22:09:34 2024  
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	370682	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	348427	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	183131	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	118465	26.215	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery =	104.880%		
7) Chloroethane-d5	2.899	69	96492	27.054	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery =	108.200%		
11) 1,1-Dichloroethene-d2	4.021	65	52185	23.371	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery =	93.480%		
21) 2-Butanone-d5	7.075	46	47778	45.920	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery =	91.840%		
24) Chloroform-d	7.648	84	257368	25.560	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery =	102.240%		
26) 1,2-Dichloroethane-d4	8.307	65	126201	25.652	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery =	102.600%		
32) Benzene-d6	8.276	84	511327	25.914	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery =	103.640%		
36) 1,2-Dichloropropane-d6	9.270	67	146777	25.227	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery =	100.920%		
41) Toluene-d8	10.319	98	468511	26.063	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery =	104.240%		
43) trans-1,3-Dichloroprop...	10.575	79	59435	24.538	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery =	98.160%		
47) 2-Hexanone-d5	10.922	63	37370	44.690	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery =	89.380%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	109890	24.798	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery =	99.200%		
66) 1,2-Dichlorobenzene-d4	13.848	152	159817	24.970	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery =	99.880%		
Target Compounds						
2) Dichlorodifluoromethane	2.015	85	102756	23.382	ug/L	91
3) Chloromethane	2.223	50	109242	20.220	ug/L	98
5) Vinyl chloride	2.375	62	132727	23.825	ug/L	97
6) Bromomethane	2.789	94	91713	23.577	ug/L	99
8) Chloroethane	2.936	64	82327	24.638	ug/L	99
9) Trichlorofluoromethane	3.271	101	133927	17.380	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	111682	21.421	ug/L	98
12) 1,1-Dichloroethene	4.045	96	109291	21.516	ug/L	98
13) Acetone	4.125	43	53512	34.649	ug/L	99
14) Carbon disulfide	4.387	76	369289	22.429	ug/L	99
15) Methyl Acetate	4.673	43	41770	20.836	ug/L	98
16) Methylene chloride	4.917	84	123687	23.308	ug/L	100
17) trans-1,2-Dichloroethene	5.429	96	120246	21.823	ug/L	95
18) Methyl tert-butyl Ether	5.423	73	171226	21.565	ug/L	100
19) 1,1-Dichloroethane	6.216	63	221131	22.901	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	130203	22.396	ug/L	98
22) 2-Butanone	7.173	43	61468	36.804	ug/L	100
23) Bromochloromethane	7.514	128	58979	22.642	ug/L	95
25) Chloroform	7.679	83	234810	23.265	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW112224\  
 Data File : VW031101.D  
 Acq On : 22 Nov 2024 14:56  
 Operator : SY/MD  
 Sample : VSTDCCC025EC  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTD025575

Quant Time: Nov 22 22:12:06 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM112024SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Nov 22 22:09:34 2024  
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	140644	23.382	ug/L	97
29) Cyclohexane	7.953	56	174878	21.458	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	187834	22.225	ug/L	100
31) Carbon tetrachloride	8.069	117	168789	21.963	ug/L	98
33) Benzene	8.325	78	509415	22.841	ug/L	100
34) Trichloroethene	9.093	95	133950	22.171	ug/L	96
35) Methylcyclohexane	9.331	83	210178	21.649	ug/L	98
37) 1,2-Dichloropropane	9.368	63	128426	23.096	ug/L	100
38) Bromodichloromethane	9.642	83	158745	22.683	ug/L	95
39) cis-1,3-Dichloropropene	10.069	75	187579	22.382	ug/L	96
40) 4-Methyl-2-pentanone	10.203	43	111055	42.446	ug/L	100
42) Toluene	10.386	91	547325	23.238	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	153446	22.674	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	91779	22.691	ug/L	99
46) Tetrachloroethene	10.855	164	103052	21.330	ug/L	97
48) 2-Hexanone	10.965	43	85514	41.338	ug/L	95
49) Dibromochloromethane	11.123	129	101182	22.494	ug/L	99
50) 1,2-Dibromoethane	11.233	107	84942	22.069	ug/L	93
51) Chlorobenzene	11.654	112	338278	21.961	ug/L	92
52) Ethylbenzene	11.727	91	604230	22.881	ug/L	100
53) m,p-Xylene	11.837	106	237546	23.568	ug/L	100
54) o-Xylene	12.160	106	216888	22.897	ug/L	97
55) Styrene	12.178	104	381546	23.669	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	101977	22.604	ug/L	95
59) Bromoform	12.343	173	59610	21.750	ug/L	99
60) Isopropylbenzene	12.458	105	595693	22.326	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	71521	21.334	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	489136	23.240	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	476221	22.939	ug/L	98
64) 1,3-Dichlorobenzene	13.489	146	266144	21.871	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	274534	21.682	ug/L	96
67) 1,2-Dichlorobenzene	13.861	146	238617	21.875	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.476	75	15344	20.940	ug/L	90
69) 1,3,5-Trichlorobenzene	14.617	180	190167	22.861	ug/L	96
70) 1,2,4-trichlorobenzene	15.123	180	149565	22.483	ug/L	98
71) Naphthalene	15.354	128	249921	22.221	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	139804	23.611	ug/L	91

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW112224\  
 Data File : VW031101.D  
 Acq On : 22 Nov 2024 14:56  
 Operator : SY/MD  
 Sample : VSTDCCC025EC  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTD025575

Quant Time: Nov 22 22:12:06 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM112024SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Nov 22 22:09:34 2024  
 Response via : Initial Calibration

