

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102323\
 Data File : VW027383.D
 Acq On : 23 Oct 2023 09:44
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025532

Quant Time: Oct 24 00:48:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Oct 21 04:25:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	379825	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	351157	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	175683	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	139939	24.141	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.560%
7) Chloroethane-d5	2.905	69	111179	26.711	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.840%
11) 1,1-Dichloroethene-d2	4.021	65	72202	24.858	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	99.440%
21) 2-Butanone-d5	7.081	46	96057	49.856	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.720%
24) Chloroform-d	7.654	84	302625	26.732	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.920%
26) 1,2-Dichloroethane-d4	8.307	65	157699	25.932	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.720%
32) Benzene-d6	8.276	84	600699	25.284	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.120%
36) 1,2-Dichloropropane-d6	9.276	67	188033	25.912	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.640%
41) Toluene-d8	10.325	98	527249	24.473	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.880%
43) trans-1,3-Dichloroprop...	10.575	79	77417	23.399	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.600%
47) 2-Hexanone-d5	10.922	63	72774	48.472	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.940%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	142902	26.394	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.560%
66) 1,2-Dichlorobenzene-d4	13.848	152	157620	24.758	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.040%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.021	85	115874	25.640	ug/L	91
3) Chloromethane	2.228	50	139238	26.809	ug/L	98
5) Vinyl chloride	2.375	62	159400	27.476	ug/L	97
6) Bromomethane	2.795	94	88072	26.653	ug/L	98
8) Chloroethane	2.936	64	95251	28.523	ug/L	97
9) Trichlorofluoromethane	3.271	101	136913	33.452	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	137018	26.735	ug/L	95
12) 1,1-Dichloroethene	4.045	96	132097	26.522	ug/L	92
13) Acetone	4.124	43	98958	59.466	ug/L	95
14) Carbon disulfide	4.393	76	372891	24.150	ug/L	99
15) Methyl Acetate	4.673	43	74222	26.114	ug/L	98
16) Methylene chloride	4.923	84	145608	20.943	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	141308	26.399	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	245862	26.622	ug/L	99
19) 1,1-Dichloroethane	6.222	63	301576	27.614	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	160359	26.528	ug/L	92
22) 2-Butanone	7.173	43	113807	45.691	ug/L	99
23) Bromochloromethane	7.514	128	63606	25.486	ug/L	86
25) Chloroform	7.679	83	282007	27.590	ug/L	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102323\
 Data File : VW027383.D
 Acq On : 23 Oct 2023 09:44
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025532

Quant Time: Oct 24 00:48:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Oct 21 04:25:20 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.404	62	187947	27.069	ug/L	97
29) Cyclohexane	7.959	56	273220	25.625	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	232891	27.188	ug/L	99
31) Carbon tetrachloride	8.075	117	197994	25.634	ug/L	99
33) Benzene	8.325	78	617167	26.892	ug/L	100
34) Trichloroethene	9.093	95	158388	26.128	ug/L	96
35) Methylcyclohexane	9.337	83	273040	25.187	ug/L	98
37) 1,2-Dichloropropane	9.367	63	170892	27.540	ug/L	98
38) Bromodichloromethane	9.648	83	199786	26.184	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	262003	25.560	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	213778	50.095	ug/L	99
42) Toluene	10.386	91	645333	26.805	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	219941	25.430	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	112936	26.448	ug/L	97
46) Tetrachloroethene	10.861	164	108836	26.001	ug/L	94
48) 2-Hexanone	10.965	43	160071	50.679	ug/L	98
49) Dibromochloromethane	11.129	129	117800	24.841	ug/L	93
50) 1,2-Dibromoethane	11.233	107	102297	24.709	ug/L #	99
51) Chlorobenzene	11.654	112	397105	26.341	ug/L	99
52) Ethylbenzene	11.727	91	747326	26.713	ug/L	100
53) m,p-Xylene	11.836	106	276387	26.047	ug/L	98
54) o-Xylene	12.166	106	263369	25.919	ug/L	99
55) Styrene	12.178	104	449970	25.929	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.714	83	136779	26.240	ug/L	97
59) Bromoform	12.349	173	60828	23.268	ug/L	99
60) Isopropylbenzene	12.458	105	746611	27.052	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	100744	26.263	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	604135	26.243	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	599406	26.611	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	302113	26.994	ug/L	89
65) 1,4-Dichlorobenzene	13.574	146	297694	26.635	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	259987	26.179	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	21723	22.658	ug/L	96
69) 1,3,5-Trichlorobenzene	14.629	180	190813	26.264	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	162589	26.293	ug/L	99
71) Naphthalene	15.360	128	326188	25.651	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	131573	25.876	ug/L	98

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

Quant Time: Oct 24 00:48:44 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Oct 21 04:25:20 2023
Response via : Initial Calibration

