

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022223\
 Data File : VW025352.D
 Acq On : 22 Feb 2023 11:21
 Operator : SY/MD
 Sample : VSTDICV025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV430

Quant Time: Feb 22 21:22:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022223SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Feb 22 21:15:09 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	389046	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	310136	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	173024	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	75378	22.886	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.560%
7) Chloroethane-d5	2.899	69	56438	23.242	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.960%
11) 1,1-Dichloroethene-d2	4.027	63	194935	22.802	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.200%
21) 2-Butanone-d5	7.075	46	32906	44.042	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.080%
24) Chloroform-d	7.648	84	179127	24.002	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.000%
26) 1,2-Dichloroethane-d4	8.307	65	91579	23.655	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.600%
32) Benzene-d6	8.276	84	353187	26.872	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.480%
36) 1,2-Dichloropropane-d6	9.276	67	96189	26.080	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.320%
41) Toluene-d8	10.325	98	330479	26.972	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	107.880%
43) trans-1,3-Dichloroprop...	10.575	79	44635	26.564	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	106.240%
47) 2-Hexanone-d5	10.922	63	28075	52.184	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.360%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	70194	25.423	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.680%
66) 1,2-Dichlorobenzene-d4	13.848	152	100942	22.970	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.880%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	98975	20.265	ug/L	92
3) Chloromethane	2.222	50	101421	23.136	ug/L	96
5) Vinyl chloride	2.375	62	117731	23.068	ug/L	98
6) Bromomethane	2.789	94	75404	23.269	ug/L	98
8) Chloroethane	2.936	64	68437	22.916	ug/L	95
9) Trichlorofluoromethane	3.271	101	127108	20.525	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	119284	22.675	ug/L #	76
12) 1,1-Dichloroethene	4.045	96	114246	22.790	ug/L	96
13) Acetone	4.124	43	48745	39.383	ug/L	98
14) Carbon disulfide	4.393	76	381141	23.310	ug/L	100
15) Methyl Acetate	4.673	43	42742	21.434	ug/L	100
16) Methylene chloride	4.917	84	121732	22.128	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	120749	22.977	ug/L	93
18) Methyl tert-butyl Ether	5.429	73	171514	23.108	ug/L	99
19) 1,1-Dichloroethane	6.222	63	219209	23.213	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	130449	23.624	ug/L	94
22) 2-Butanone	7.167	43	58004	40.401	ug/L	100
23) Bromochloromethane	7.514	128	54114	22.966	ug/L	95
25) Chloroform	7.673	83	228174	23.480	ug/L	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022223\
 Data File : VW025352.D
 Acq On : 22 Feb 2023 11:21
 Operator : SY/MD
 Sample : VSTDICV025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV430

Quant Time: Feb 22 21:22:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022223SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Feb 22 21:15:09 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	151255	23.075	ug/L	99
29) Cyclohexane	7.959	56	204803	26.233	ug/L	98
30) 1,1,1-Trichloroethane	7.868	97	202180	25.166	ug/L	99
31) Carbon tetrachloride	8.069	117	189644	25.080	ug/L	100
33) Benzene	8.325	78	495557	26.133	ug/L	100
34) Trichloroethene	9.093	95	136408	25.758	ug/L	96
35) Methylcyclohexane	9.337	83	238648	25.715	ug/L	99
37) 1,2-Dichloropropane	9.367	63	118817	25.902	ug/L	99
38) Bromodichloromethane	9.642	83	159385	25.616	ug/L	100
39) cis-1,3-Dichloropropene	10.075	75	195131	26.001	ug/L	96
40) 4-Methyl-2-pentanone	10.209	43	114023	48.862	ug/L	99
42) Toluene	10.386	91	538174	26.361	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	163752	25.956	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	85561	25.008	ug/L	98
46) Tetrachloroethene	10.861	164	100203	25.056	ug/L	99
48) 2-Hexanone	10.965	43	83087	47.704	ug/L	99
49) Dibromochloromethane	11.129	129	100366	25.396	ug/L	97
50) 1,2-Dibromoethane	11.233	107	83257	25.384	ug/L	98
51) Chlorobenzene	11.654	112	280601	21.402	ug/L	99
52) Ethylbenzene	11.727	91	518922	21.935	ug/L	100
53) m,p-Xylene	11.836	106	201105	22.373	ug/L	98
54) o-Xylene	12.166	106	200406	24.117	ug/L	98
55) Styrene	12.178	104	344603	24.384	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.708	83	95785	24.523	ug/L	100
59) Bromoform	12.342	173	53756	20.753	ug/L	97
60) Isopropylbenzene	12.464	105	625841	22.115	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	70964	20.701	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	528141	23.238	ug/L	100
63) 1,2,4-Trimethylbenzene	13.251	105	507473	23.588	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	255976	23.132	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	262845	23.693	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	228514	22.519	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.476	75	16782	21.187	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	173537	22.911	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	146302	22.260	ug/L	99
71) Naphthalene	15.360	128	279402	22.109	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	127951	22.923	ug/L	97

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

Quant Time: Feb 22 21:22:11 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022223SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Feb 22 21:15:09 2023
Response via : Initial Calibration

