

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032023\
 Data File : VD075512.D
 Acq On : 20 Mar 2023 10:56
 Operator : KP/SY
 Sample : VSTDCCC025
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025108

Quant Time: Mar 21 05:30:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM030123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Mar 03 23:23:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	280945	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	253387	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	131095	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	129214	18.523	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.080%
7) Chloroethane-d5	2.805	69	126696	20.987	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.960%
11) 1,1-Dichloroethene-d2	3.928	63	137356	21.080	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.320%
21) 2-Butanone-d5	6.993	46	31742	49.103	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.200%
24) Chloroform-d	7.569	84	181853	24.699	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.800%
26) 1,2-Dichloroethane-d4	8.228	65	73338	22.993	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.960%
32) Benzene-d6	8.205	84	337821	22.449	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.800%
36) 1,2-Dichloropropane-d6	9.210	67	101474	23.859	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.440%
41) Toluene-d8	10.269	98	314228	22.890	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.560%
43) trans-1,3-Dichloroprop...	10.528	79	42598	24.510	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.040%
47) 2-Hexanone-d5	10.881	63	31268	50.961	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.920%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	91958	25.848	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.400%
66) 1,2-Dichlorobenzene-d4	13.816	152	115796	25.252	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	108494	25.101	ug/L	99
3) Chloromethane	2.152	50	159670	21.967	ug/L	98
5) Vinyl chloride	2.287	62	226838	24.815	ug/L	97
6) Bromomethane	2.699	94	126694	29.243	ug/L	98
8) Chloroethane	2.840	64	150628	26.203	ug/L	99
9) Trichlorofluoromethane	3.175	101	195091	28.509	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	134502	28.452	ug/L	97
12) 1,1-Dichloroethene	3.946	96	114341	27.468	ug/L #	80
13) Acetone	4.022	43	33173	45.428	ug/L	92
14) Carbon disulfide	4.269	76	277135	23.809	ug/L	100
15) Methyl Acetate	4.564	43	29577	23.867	ug/L	93
16) Methylene chloride	4.799	84	124487	20.980	ug/L	94
17) trans-1,2-Dichloroethene	5.316	96	119853	26.860	ug/L	94
18) Methyl tert-butyl Ether	5.316	73	222082	26.781	ug/L	97
19) 1,1-Dichloroethane	6.116	63	189669	25.127	ug/L	93
20) cis-1,2-Dichloroethene	7.081	96	137796	27.337	ug/L	89
22) 2-Butanone	7.081	43	39660	42.799	ug/L	91
23) Bromochloromethane	7.428	128	60508	28.019	ug/L	91
25) Chloroform	7.593	83	224675	27.297	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032023\
 Data File : VD075512.D
 Acq On : 20 Mar 2023 10:56
 Operator : KP/SY
 Sample : VSTDCCC025
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025108

Quant Time: Mar 21 05:30:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM030123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Mar 03 23:23:38 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	110055	24.795	ug/L	97
29) Cyclohexane	7.881	56	135252	24.946	ug/L	92
30) 1,1,1-Trichloroethane	7.793	97	192146	28.202	ug/L	96
31) Carbon tetrachloride	7.993	117	159991	29.565	ug/L	99
33) Benzene	8.252	78	473186	25.985	ug/L	100
34) Trichloroethene	9.028	95	129973	27.330	ug/L	98
35) Methylcyclohexane	9.275	83	197895	26.655	ug/L	96
37) 1,2-Dichloropropane	9.305	63	111312	24.875	ug/L #	97
38) Bromodichloromethane	9.587	83	159345	26.919	ug/L	99
39) cis-1,3-Dichloropropene	10.016	75	180383	26.340	ug/L	98
40) 4-Methyl-2-pentanone	10.157	43	83419	48.611	ug/L	98
42) Toluene	10.334	91	556495	27.914	ug/L	99
44) trans-1,3-Dichloropropene	10.557	75	147637	26.166	ug/L	97
45) 1,1,2-Trichloroethane	10.734	97	98317	27.509	ug/L	96
46) Tetrachloroethene	10.810	164	107022	29.368	ug/L	96
48) 2-Hexanone	10.922	43	61011	48.322	ug/L	95
49) Dibromochloromethane	11.075	129	112995	28.943	ug/L	100
50) 1,2-Dibromoethane	11.181	107	90251	27.936	ug/L #	99
51) Chlorobenzene	11.610	112	356239	27.493	ug/L	99
52) Ethylbenzene	11.687	91	597305	28.174	ug/L	98
53) m,p-Xylene	11.798	106	238179	28.514	ug/L	99
54) o-Xylene	12.122	106	228483	28.916	ug/L	99
55) Styrene	12.140	104	409702	29.194	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.675	83	104104	26.614	ug/L	95
59) Bromoform	12.304	173	64999	27.477	ug/L	97
60) Isopropylbenzene	12.422	105	627030	28.439	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	64974	24.725	ug/L	97
62) 1,3,5-Trimethylbenzene	12.904	105	483958	29.240	ug/L	99
63) 1,2,4-Trimethylbenzene	13.216	105	466917	28.851	ug/L	99
64) 1,3-Dichlorobenzene	13.463	146	275318	28.228	ug/L	96
65) 1,4-Dichlorobenzene	13.540	146	283249	28.232	ug/L	97
67) 1,2-Dichlorobenzene	13.834	146	239875	27.603	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.451	75	12567	24.625	ug/L #	73
69) 1,3,5-Trichlorobenzene	14.598	180	173032	28.291	ug/L	99
70) 1,2,4-trichlorobenzene	15.104	180	141670	28.809	ug/L	100
71) Naphthalene	15.339	128	265277	27.198	ug/L	99
72) 1,2,3-Trichlorobenzene	15.528	180	125024	28.843	ug/L	99

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

