

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051223\
 Data File : VD076108.D
 Acq On : 12 May 2023 15:39
 Operator : KP/SY
 Sample : VSTDCCC025EC
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025157

Quant Time: May 14 23:56:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM051123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sun May 14 23:54:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	381013	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	357181	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	186356	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	126619	21.724	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.880%
7) Chloroethane-d5	2.793	69	122132	22.824	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.280%
11) 1,1-Dichloroethene-d2	3.911	65	31083	21.183	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.720%
21) 2-Butanone-d5	6.987	46	45849	58.424	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.840%
24) Chloroform-d	7.569	84	202573	25.378	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.520%
26) 1,2-Dichloroethane-d4	8.222	65	91677	26.128	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.520%
32) Benzene-d6	8.199	84	387920	24.090	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.360%
36) 1,2-Dichloropropane-d6	9.210	67	122558	24.700	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.800%
41) Toluene-d8	10.269	98	353714	24.648	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.600%
43) trans-1,3-Dichloroprop...	10.528	79	45627	24.496	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.000%
47) 2-Hexanone-d5	10.875	63	40194	55.316	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.640%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	118326	27.692	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.760%
66) 1,2-Dichlorobenzene-d4	13.816	152	126545	23.771	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	111259	23.347	ug/L	100
3) Chloromethane	2.146	50	176634	26.074	ug/L	98
5) Vinyl chloride	2.275	62	201149	23.259	ug/L	99
6) Bromomethane	2.687	94	97690	18.209	ug/L	97
8) Chloroethane	2.828	64	129860	23.401	ug/L	96
9) Trichlorofluoromethane	3.164	101	166338	23.494	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.958	101	119037	23.602	ug/L	97
12) 1,1-Dichloroethene	3.934	96	103733	22.948	ug/L	85
13) Acetone	4.028	43	33679m	48.172	ug/L	
14) Carbon disulfide	4.264	76	328627	23.348	ug/L	97
15) Methyl Acetate	4.564	43	37288m	24.797	ug/L	
16) Methylene chloride	4.799	84	148289	23.935	ug/L	93
17) trans-1,2-Dichloroethene	5.305	96	114206	23.597	ug/L	97
18) Methyl tert-butyl Ether	5.316	73	208964	24.329	ug/L	97
19) 1,1-Dichloroethane	6.111	63	199496	24.183	ug/L	98
20) cis-1,2-Dichloroethene	7.075	96	127777	23.815	ug/L	93
22) 2-Butanone	7.087	43	45733	46.819	ug/L	91
23) Bromochloromethane	7.422	128	62757	23.928	ug/L	90
25) Chloroform	7.593	83	212934	24.174	ug/L	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051223\
 Data File : VD076108.D
 Acq On : 12 May 2023 15:39
 Operator : KP/SY
 Sample : VSTDCCC025EC
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025157

Quant Time: May 14 23:56:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM051123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sun May 14 23:54:23 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	120328	25.923	ug/L	94
29) Cyclohexane	7.875	56	141412	23.868	ug/L	88
30) 1,1,1-Trichloroethane	7.793	97	164759	22.707	ug/L	98
31) Carbon tetrachloride	7.993	117	133608	23.374	ug/L	98
33) Benzene	8.246	78	488829	24.617	ug/L	100
34) Trichloroethene	9.028	95	114378	22.315	ug/L	95
35) Methylcyclohexane	9.275	83	184810	23.798	ug/L	96
37) 1,2-Dichloropropane	9.304	63	124907	24.661	ug/L	100
38) Bromodichloromethane	9.587	83	153990	23.729	ug/L	98
39) cis-1,3-Dichloropropene	10.016	75	174387	23.903	ug/L	97
40) 4-Methyl-2-pentanone	10.157	43	103409	50.653	ug/L	94
42) Toluene	10.334	91	527971	24.905	ug/L	98
44) trans-1,3-Dichloropropene	10.551	75	147661	24.256	ug/L	99
45) 1,1,2-Trichloroethane	10.734	97	98306	24.037	ug/L	92
46) Tetrachloroethene	10.810	164	98047	22.897	ug/L	94
48) 2-Hexanone	10.922	43	74615	50.366	ug/L	93
49) Dibromochloromethane	11.075	129	107304	24.318	ug/L	100
50) 1,2-Dibromoethane	11.181	107	87948	24.349	ug/L #	96
51) Chlorobenzene	11.604	112	341998	23.703	ug/L	99
52) Ethylbenzene	11.687	91	531515	24.168	ug/L	99
53) m,p-Xylene	11.793	106	214826	25.049	ug/L	100
54) o-Xylene	12.122	106	203204	24.984	ug/L	93
55) Styrene	12.134	104	375733	26.075	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.675	83	111223	24.293	ug/L	99
59) Bromoform	12.298	173	64458	23.802	ug/L	99
60) Isopropylbenzene	12.422	105	518514	24.505	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	71076	23.712	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	381459	23.498	ug/L	97
63) 1,2,4-Trimethylbenzene	13.216	105	377210	24.296	ug/L	98
64) 1,3-Dichlorobenzene	13.457	146	253785	23.101	ug/L	99
65) 1,4-Dichlorobenzene	13.540	146	262664	22.983	ug/L	98
67) 1,2-Dichlorobenzene	13.834	146	234070	23.360	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.445	75	13884	23.089	ug/L	88
69) 1,3,5-Trichlorobenzene	14.592	180	150552	21.567	ug/L	97
70) 1,2,4-trichlorobenzene	15.098	180	121333	21.962	ug/L	98
71) Naphthalene	15.334	128	239301	23.051	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	115671	23.024	ug/L	98

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

