

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050323\
 Data File : VD075976.D
 Acq On : 03 May 2023 10:38
 Operator : KP/SY
 Sample : VSTDCCC025
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025146

Quant Time: May 04 02:51:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed May 03 02:37:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	355731	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	332011	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	172073	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	179181	22.961	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.840%
7) Chloroethane-d5	2.799	69	160438	23.794	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.160%
11) 1,1-Dichloroethene-d2	3.922	65	40343	22.423	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.680%
21) 2-Butanone-d5	6.987	46	38099	56.237	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.480%
24) Chloroform-d	7.569	84	219640	24.691	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.760%
26) 1,2-Dichloroethane-d4	8.228	65	97487	25.662	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.640%
32) Benzene-d6	8.199	84	461949	23.872	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.480%
36) 1,2-Dichloropropane-d6	9.210	67	133115	24.853	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.400%
41) Toluene-d8	10.269	98	439331	24.250	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.000%
43) trans-1,3-Dichloroprop...	10.528	79	50666	22.885	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.560%
47) 2-Hexanone-d5	10.881	63	34774	53.920	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.840%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	106658	26.023	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.080%
66) 1,2-Dichlorobenzene-d4	13.816	152	137418	22.578	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	137282	27.994	ug/L	100
3) Chloromethane	2.146	50	198741	29.071	ug/L	99
5) Vinyl chloride	2.281	62	251482	28.147	ug/L	97
6) Bromomethane	2.693	94	141568	23.580	ug/L	99
8) Chloroethane	2.834	64	159677	27.634	ug/L	96
9) Trichlorofluoromethane	3.175	101	196958	27.435	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	133948	27.773	ug/L	96
12) 1,1-Dichloroethene	3.934	96	121222	25.917	ug/L	92
13) Acetone	4.017	43	34777	59.985	ug/L	96
14) Carbon disulfide	4.269	76	423750	25.938	ug/L	98
15) Methyl Acetate	4.569	43	37787	30.074	ug/L #	82
16) Methylene chloride	4.799	84	149971	20.782	ug/L	92
17) trans-1,2-Dichloroethene	5.311	96	136953	26.113	ug/L	98
18) Methyl tert-butyl Ether	5.322	73	214296	25.472	ug/L	97
19) 1,1-Dichloroethane	6.111	63	216077	28.123	ug/L	99
20) cis-1,2-Dichloroethene	7.081	96	143686	25.910	ug/L	97
22) 2-Butanone	7.081	43	46802	61.922	ug/L	95
23) Bromochloromethane	7.428	128	69190	26.902	ug/L	91
25) Chloroform	7.593	83	236458	27.460	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	127732	28.738	ug/L	97
29) Cyclohexane	7.881	56	161450	28.406	ug/L	92
30) 1,1,1-Trichloroethane	7.793	97	186989	26.619	ug/L	98
31) Carbon tetrachloride	7.987	117	154332	27.385	ug/L	98
33) Benzene	8.252	78	549903	27.382	ug/L	100
34) Trichloroethene	9.028	95	134179	25.836	ug/L	92
35) Methylcyclohexane	9.275	83	217095	27.112	ug/L	97
37) 1,2-Dichloropropane	9.305	63	131228	28.446	ug/L	99
38) Bromodichloromethane	9.587	83	166042	26.694	ug/L #	97
39) cis-1,3-Dichloropropene	10.016	75	193599	26.388	ug/L	98
40) 4-Methyl-2-pentanone	10.157	43	101931	60.602	ug/L	96
42) Toluene	10.334	91	599936	27.605	ug/L	96
44) trans-1,3-Dichloropropene	10.552	75	162291	27.536	ug/L	95
45) 1,1,2-Trichloroethane	10.734	97	105116	26.783	ug/L	97
46) Tetrachloroethene	10.810	164	117092	27.488	ug/L	94
48) 2-Hexanone	10.922	43	74228	62.600	ug/L	95
49) Dibromochloromethane	11.075	129	114053	26.694	ug/L	95
50) 1,2-Dibromoethane	11.181	107	94574	26.728	ug/L	96
51) Chlorobenzene	11.610	112	377101	26.523	ug/L	98
52) Ethylbenzene	11.687	91	611585	27.443	ug/L	98
53) m,p-Xylene	11.799	106	254400	28.668	ug/L	95
54) o-Xylene	12.122	106	231340	27.447	ug/L	93
55) Styrene	12.140	104	415633	28.332	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.675	83	111976	28.041	ug/L	100
59) Bromoform	12.298	173	65713	24.918	ug/L	98
60) Isopropylbenzene	12.422	105	593958	26.032	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	71656	26.509	ug/L	100
62) 1,3,5-Trimethylbenzene	12.910	105	446529	26.245	ug/L	99
63) 1,2,4-Trimethylbenzene	13.216	105	434610	26.499	ug/L	99
64) 1,3-Dichlorobenzene	13.463	146	285890	26.187	ug/L	95
65) 1,4-Dichlorobenzene	13.540	146	293337	25.602	ug/L	98
67) 1,2-Dichlorobenzene	13.834	146	254142	26.068	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.451	75	12434	23.010	ug/L	98
69) 1,3,5-Trichlorobenzene	14.598	180	173388	23.696	ug/L	99
70) 1,2,4-trichlorobenzene	15.104	180	136493	22.509	ug/L	99
71) Naphthalene	15.339	128	257450	23.200	ug/L	99
72) 1,2,3-Trichlorobenzene	15.528	180	131165	24.232	ug/L	98

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

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