

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050123\
 Data File : VD075932.D
 Acq On : 01 May 2023 11:10
 Operator : KP/SY
 Sample : VSTDCCC025
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025142

Quant Time: May 02 02:28:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon May 01 00:14:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	380204	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	358040	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	182948	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	195285	23.414	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.640%
7) Chloroethane-d5	2.799	69	177857	24.680	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.720%
11) 1,1-Dichloroethene-d2	3.917	65	44041	22.903	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.600%
21) 2-Butanone-d5	6.981	46	41397	57.172	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.340%
24) Chloroform-d	7.569	84	236044	24.827	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.320%
26) 1,2-Dichloroethane-d4	8.228	65	106749	26.292	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.160%
32) Benzene-d6	8.199	84	502035	24.057	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.240%
36) 1,2-Dichloropropane-d6	9.210	67	142299	24.636	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.560%
41) Toluene-d8	10.269	98	471357	24.127	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.520%
43) trans-1,3-Dichloroprop...	10.528	79	56154	23.520	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.080%
47) 2-Hexanone-d5	10.875	63	37975	54.603	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.200%
56) 1,1,2,2-Tetrachloroeth...	12.657	84	117199	26.516	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.080%
66) 1,2-Dichlorobenzene-d4	13.822	152	153207	23.676	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	141391	26.976	ug/L	100
3) Chloromethane	2.146	50	220082	30.121	ug/L	99
5) Vinyl chloride	2.281	62	262395	27.478	ug/L	99
6) Bromomethane	2.693	94	140187	21.847	ug/L	100
8) Chloroethane	2.834	64	169083	27.378	ug/L	97
9) Trichlorofluoromethane	3.175	101	202411	26.380	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	139315	27.027	ug/L	96
12) 1,1-Dichloroethene	3.940	96	128928	25.790	ug/L	87
13) Acetone	4.022	43	37441	60.424	ug/L	92
14) Carbon disulfide	4.269	76	447657	25.638	ug/L	99
15) Methyl Acetate	4.558	43	37566	27.974	ug/L #	54
16) Methylene chloride	4.799	84	163447	21.191	ug/L	94
17) trans-1,2-Dichloroethene	5.305	96	144783	25.829	ug/L	95
18) Methyl tert-butyl Ether	5.316	73	235870	26.232	ug/L #	83
19) 1,1-Dichloroethane	6.111	63	225098	27.412	ug/L	97
20) cis-1,2-Dichloroethene	7.075	96	151574	25.573	ug/L	96
22) 2-Butanone	7.087	43	48903	60.537	ug/L	97
23) Bromochloromethane	7.428	128	75225	27.366	ug/L	94
25) Chloroform	7.593	83	254008	27.600	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	134817	28.379	ug/L	99
29) Cyclohexane	7.881	56	162938	26.584	ug/L	94
30) 1,1,1-Trichloroethane	7.793	97	198258	26.172	ug/L	99
31) Carbon tetrachloride	7.993	117	162865	26.798	ug/L	97
33) Benzene	8.252	78	576033	26.598	ug/L	100
34) Trichloroethene	9.028	95	140863	25.151	ug/L	97
35) Methylcyclohexane	9.275	83	227461	26.342	ug/L	98
37) 1,2-Dichloropropane	9.304	63	137809	27.701	ug/L	100
38) Bromodichloromethane	9.587	83	177871	26.517	ug/L #	98
39) cis-1,3-Dichloropropene	10.016	75	204862	25.893	ug/L	97
40) 4-Methyl-2-pentanone	10.157	43	107409	59.217	ug/L	98
42) Toluene	10.334	91	636831	27.172	ug/L	100
44) trans-1,3-Dichloropropene	10.551	75	171858	27.039	ug/L	99
45) 1,1,2-Trichloroethane	10.734	97	113283	26.766	ug/L	98
46) Tetrachloroethene	10.810	164	122494	26.665	ug/L	96
48) 2-Hexanone	10.922	43	80190	62.712	ug/L	94
49) Dibromochloromethane	11.075	129	122581	26.605	ug/L	100
50) 1,2-Dibromoethane	11.181	107	102316	26.814	ug/L	96
51) Chlorobenzene	11.610	112	406115	26.487	ug/L	99
52) Ethylbenzene	11.687	91	640360	26.645	ug/L	98
53) m,p-Xylene	11.793	106	265300	27.723	ug/L	98
54) o-Xylene	12.122	106	248150	27.301	ug/L	98
55) Styrene	12.140	104	448713	28.364	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.675	83	119417	27.731	ug/L	93
59) Bromoform	12.304	173	74268	26.488	ug/L	97
60) Isopropylbenzene	12.422	105	621014	25.600	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	76672	26.678	ug/L	99
62) 1,3,5-Trimethylbenzene	12.910	105	482095	26.651	ug/L	99
63) 1,2,4-Trimethylbenzene	13.216	105	465867	26.717	ug/L	99
64) 1,3-Dichlorobenzene	13.463	146	301743	25.997	ug/L	99
65) 1,4-Dichlorobenzene	13.540	146	312361	25.642	ug/L	97
67) 1,2-Dichlorobenzene	13.834	146	267533	25.810	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.451	75	15422	26.843	ug/L	96
69) 1,3,5-Trichlorobenzene	14.598	180	184550	23.722	ug/L	98
70) 1,2,4-trichlorobenzene	15.104	180	149304	23.158	ug/L	98
71) Naphthalene	15.339	128	279718	23.709	ug/L	99
72) 1,2,3-Trichlorobenzene	15.528	180	142433	24.750	ug/L	97

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

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