

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022323\
 Data File : VD075423.D
 Acq On : 23 Feb 2023 20:03
 Operator : KP/SY
 Sample : VSTDCCC025EC
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025101

Quant Time: Feb 24 00:03:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM022323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Feb 23 23:55:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	84942	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	76407	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	39469	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	37711	22.409	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.640%
7) Chloroethane-d5	2.805	69	31908	22.423	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.680%
11) 1,1-Dichloroethene-d2	3.922	63	57036	22.702	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.800%
21) 2-Butanone-d5	6.993	46	11294	45.003	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.000%
24) Chloroform-d	7.569	84	58785	24.008	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.040%
26) 1,2-Dichloroethane-d4	8.234	65	28906	23.866	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.480%
32) Benzene-d6	8.204	84	112014	23.483	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.920%
36) 1,2-Dichloropropane-d6	9.210	67	33192	23.410	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.640%
41) Toluene-d8	10.269	98	102943	23.870	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.480%
43) trans-1,3-Dichloroprop...	10.528	79	13424	23.511	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.040%
47) 2-Hexanone-d5	10.881	63	8617	46.173	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.340%
56) 1,1,2,2-Tetrachloroeth...	12.657	84	24793	24.740	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.960%
66) 1,2-Dichlorobenzene-d4	13.816	152	30782	22.093	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.360%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	37286	22.886	ug/L	97
3) Chloromethane	2.146	50	45465	23.351	ug/L	98
5) Vinyl chloride	2.287	62	49540	22.889	ug/L	99
6) Bromomethane	2.693	94	26260	24.375	ug/L	94
8) Chloroethane	2.840	64	31650	24.005	ug/L	96
9) Trichlorofluoromethane	3.181	101	57517	23.494	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	34520	23.485	ug/L	98
12) 1,1-Dichloroethene	3.946	96	29711	23.482	ug/L	96
13) Acetone	4.028	43	13477	39.619	ug/L	96
14) Carbon disulfide	4.275	76	93545	22.933	ug/L	99
15) Methyl Acetate	4.563	43	14299	27.368	ug/L #	86
16) Methylene chloride	4.805	84	36440	21.453	ug/L	87
17) trans-1,2-Dichloroethene	5.316	96	33143	25.414	ug/L	98
18) Methyl tert-butyl Ether	5.316	73	69464	26.106	ug/L #	89
19) 1,1-Dichloroethane	6.116	63	63300	25.202	ug/L	97
20) cis-1,2-Dichloroethene	7.087	96	35714	25.655	ug/L	100
22) 2-Butanone	7.081	43	17476	44.148	ug/L	98
23) Bromochloromethane	7.428	128	15533	25.211	ug/L	84
25) Chloroform	7.599	83	65690	25.487	ug/L	87

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	41687	25.731	ug/L	97
29) Cyclohexane	7.881	56	49641	23.725	ug/L	98
30) 1,1,1-Trichloroethane	7.793	97	56891	24.481	ug/L	99
31) Carbon tetrachloride	7.993	117	47150	23.631	ug/L	98
33) Benzene	8.252	78	137880	25.178	ug/L	100
34) Trichloroethene	9.028	95	35689	24.512	ug/L	95
35) Methylcyclohexane	9.275	83	55462	23.779	ug/L	99
37) 1,2-Dichloropropane	9.304	63	36112	25.300	ug/L	100
38) Bromodichloromethane	9.587	83	46960	25.431	ug/L	94
39) cis-1,3-Dichloropropene	10.016	75	52388	25.289	ug/L	89
40) 4-Methyl-2-pentanone	10.163	43	38473	50.162	ug/L	99
42) Toluene	10.334	91	147859	25.487	ug/L	96
44) trans-1,3-Dichloropropene	10.557	75	45118	26.182	ug/L	99
45) 1,1,2-Trichloroethane	10.734	97	25661	25.730	ug/L	94
46) Tetrachloroethene	10.810	164	27832	24.228	ug/L	87
48) 2-Hexanone	10.922	43	27095	47.747	ug/L	99
49) Dibromochloromethane	11.075	129	30346	25.883	ug/L	99
50) 1,2-Dibromoethane	11.181	107	23809	25.836	ug/L	98
51) Chlorobenzene	11.610	112	94208	25.605	ug/L	99
52) Ethylbenzene	11.687	91	165950	25.894	ug/L	100
53) m,p-Xylene	11.798	106	61931	25.628	ug/L	90
54) o-Xylene	12.122	106	58768	25.724	ug/L	95
55) Styrene	12.140	104	105270	26.521	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.675	83	28816	26.007	ug/L #	97
59) Bromoform	12.304	173	17878	24.480	ug/L	99
60) Isopropylbenzene	12.422	105	165215	24.929	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	19929	25.595	ug/L	98
62) 1,3,5-Trimethylbenzene	12.910	105	131326	25.287	ug/L	99
63) 1,2,4-Trimethylbenzene	13.216	105	129835	25.934	ug/L	100
64) 1,3-Dichlorobenzene	13.463	146	71653	24.839	ug/L	97
65) 1,4-Dichlorobenzene	13.539	146	72122	24.496	ug/L	97
67) 1,2-Dichlorobenzene	13.834	146	62238	24.611	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.451	75	4215	24.027	ug/L #	87
69) 1,3,5-Trichlorobenzene	14.598	180	46448	24.427	ug/L	100
70) 1,2,4-trichlorobenzene	15.104	180	37001	24.187	ug/L	99
71) Naphthalene	15.333	128	70551	25.509	ug/L	99
72) 1,2,3-Trichlorobenzene	15.528	180	33592	25.463	ug/L	99

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

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