

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030623\
 Data File : VD075449.D
 Acq On : 06 Mar 2023 09:32
 Operator : KP/SY
 Sample : VSTDCCC025
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025106

Quant Time: Mar 06 13:14:13 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	337677	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	293494	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	148408	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	168829	20.136	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.560%
7) Chloroethane-d5	2.805	69	161398	22.244	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.960%
11) 1,1-Dichloroethene-d2	3.928	63	185806	23.725	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.920%
21) 2-Butanone-d5	6.987	46	37481	48.240	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.480%
24) Chloroform-d	7.569	84	225258	25.455	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.800%
26) 1,2-Dichloroethane-d4	8.228	65	91541	23.878	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.520%
32) Benzene-d6	8.205	84	437845	25.120	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.480%
36) 1,2-Dichloropropane-d6	9.210	67	126276	25.633	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.520%
41) Toluene-d8	10.269	98	407715	25.641	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.560%
43) trans-1,3-Dichloroprop...	10.528	79	51073	25.370	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.480%
47) 2-Hexanone-d5	10.881	63	35003	49.252	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.500%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	101375	24.601	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.400%
66) 1,2-Dichlorobenzene-d4	13.816	152	132646	25.552	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.200%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	134722	25.933	ug/L	99
3) Chloromethane	2.152	50	179252	20.518	ug/L	99
5) Vinyl chloride	2.287	62	268860	24.470	ug/L	99
6) Bromomethane	2.699	94	176979	33.987	ug/L	99
8) Chloroethane	2.840	64	179694	26.008	ug/L	98
9) Trichlorofluoromethane	3.181	101	226003	27.478	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.975	101	155194	27.314	ug/L	97
12) 1,1-Dichloroethene	3.946	96	132727	26.528	ug/L	95
13) Acetone	4.017	43	40750	46.428	ug/L	93
14) Carbon disulfide	4.275	76	357509	25.554	ug/L	100
15) Methyl Acetate	4.569	43	34916	23.442	ug/L #	80
16) Methylene chloride	4.805	84	149054	20.900	ug/L	99
17) trans-1,2-Dichloroethene	5.316	96	144211	26.889	ug/L	96
18) Methyl tert-butyl Ether	5.322	73	255048	25.589	ug/L #	73
19) 1,1-Dichloroethane	6.116	63	239792	26.430	ug/L	95
20) cis-1,2-Dichloroethene	7.081	96	167739	27.687	ug/L	88
22) 2-Butanone	7.087	43	51188	45.959	ug/L	99
23) Bromochloromethane	7.428	128	70881	27.308	ug/L	94
25) Chloroform	7.593	83	260697	26.352	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	130731	24.505	ug/L	100
29) Cyclohexane	7.875	56	174262	27.749	ug/L	97
30) 1,1,1-Trichloroethane	7.799	97	224356	28.430	ug/L	98
31) Carbon tetrachloride	7.993	117	188170	30.021	ug/L	99
33) Benzene	8.252	78	579701	27.484	ug/L	100
34) Trichloroethene	9.028	95	155329	28.199	ug/L	94
35) Methylcyclohexane	9.275	83	241777	28.116	ug/L	97
37) 1,2-Dichloropropane	9.305	63	138743	26.769	ug/L #	92
38) Bromodichloromethane	9.587	83	190014	27.714	ug/L	99
39) cis-1,3-Dichloropropene	10.016	75	217991	27.482	ug/L	97
40) 4-Methyl-2-pentanone	10.157	43	97839	49.223	ug/L	99
42) Toluene	10.334	91	665197	28.807	ug/L	100
44) trans-1,3-Dichloropropene	10.557	75	174507	26.702	ug/L	99
45) 1,1,2-Trichloroethane	10.734	97	113821	27.495	ug/L	97
46) Tetrachloroethene	10.810	164	122980	29.136	ug/L	97
48) 2-Hexanone	10.922	43	73861	50.506	ug/L	97
49) Dibromochloromethane	11.075	129	129020	28.531	ug/L	94
50) 1,2-Dibromoethane	11.181	107	100875	26.957	ug/L	96
51) Chlorobenzene	11.610	112	421866	28.108	ug/L	99
52) Ethylbenzene	11.687	91	697743	28.414	ug/L	99
53) m,p-Xylene	11.793	106	277954	28.729	ug/L	99
54) o-Xylene	12.122	106	264652	28.917	ug/L	97
55) Styrene	12.140	104	468077	28.796	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.675	83	116913	25.804	ug/L	94
59) Bromoform	12.298	173	73405	27.411	ug/L	98
60) Isopropylbenzene	12.422	105	722573	28.949	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	74577	25.068	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	550298	29.370	ug/L	99
63) 1,2,4-Trimethylbenzene	13.216	105	531875	29.031	ug/L	98
64) 1,3-Dichlorobenzene	13.463	146	312075	28.264	ug/L	97
65) 1,4-Dichlorobenzene	13.540	146	313736	27.623	ug/L	98
67) 1,2-Dichlorobenzene	13.834	146	273296	27.780	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.451	75	14663	25.380	ug/L	91
69) 1,3,5-Trichlorobenzene	14.598	180	195959	28.302	ug/L	98
70) 1,2,4-trichlorobenzene	15.104	180	155278	27.892	ug/L	98
71) Naphthalene	15.334	128	283359	25.663	ug/L	99
72) 1,2,3-Trichlorobenzene	15.528	180	134521	27.414	ug/L	99

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

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