

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111723\
 Data File : VD077600.D
 Acq On : 17 Nov 2023 08:43
 Operator : JC/SY
 Sample : VSTDCCC025
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025213

Quant Time: Nov 18 00:22:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Nov 10 02:07:44 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	293381	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	272293	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	136437	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	140117	18.774	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.080%
7) Chloroethane-d5	2.811	69	121872	20.787	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.160%
11) 1,1-Dichloroethene-d2	3.922	65	44421	19.249	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.000%
21) 2-Butanone-d5	6.987	46	68906	53.327	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.660%
24) Chloroform-d	7.575	84	202465	23.890	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.560%
26) 1,2-Dichloroethane-d4	8.234	65	107746	23.901	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.600%
32) Benzene-d6	8.205	84	387516	21.927	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.720%
36) 1,2-Dichloropropane-d6	9.210	67	131609	22.863	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.440%
41) Toluene-d8	10.269	98	341558	21.388	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.560%
43) trans-1,3-Dichloroprop...	10.528	79	55855	22.504	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.000%
47) 2-Hexanone-d5	10.881	63	57138	55.485	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.980%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	101713	26.668	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.680%
66) 1,2-Dichlorobenzene-d4	13.816	152	116275	23.956	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.840%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	109992	23.280	ug/L	100
3) Chloromethane	2.152	50	154712	22.760	ug/L	98
5) Vinyl chloride	2.293	62	179986	23.459	ug/L	99
6) Bromomethane	2.705	94	100626	24.635	ug/L	95
8) Chloroethane	2.846	64	115980	24.315	ug/L	91
9) Trichlorofluoromethane	3.181	101	176380	25.261	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.975	101	105360	24.520	ug/L	99
12) 1,1-Dichloroethene	3.946	96	95364	22.858	ug/L	91
13) Acetone	4.022	43	75246	55.400	ug/L	98
14) Carbon disulfide	4.281	76	315780	21.020	ug/L	98
15) Methyl Acetate	4.564	43	54137	24.228	ug/L	98
16) Methylene chloride	4.805	84	120312	24.289	ug/L	95
17) trans-1,2-Dichloroethene	5.316	96	103845	23.662	ug/L	97
18) Methyl tert-butyl Ether	5.322	73	254000	24.659	ug/L	100
19) 1,1-Dichloroethane	6.116	63	214311	24.339	ug/L	98
20) cis-1,2-Dichloroethene	7.087	96	117074	24.554	ug/L	95
22) 2-Butanone	7.081	43	81366	49.789	ug/L	98
23) Bromochloromethane	7.428	128	47255	24.665	ug/L	97
25) Chloroform	7.599	83	205028	25.347	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	135471	25.264	ug/L	96
29) Cyclohexane	7.881	56	196384	22.213	ug/L	99
30) 1,1,1-Trichloroethane	7.799	97	176427	24.750	ug/L	99
31) Carbon tetrachloride	7.993	117	152139	24.835	ug/L	97
33) Benzene	8.257	78	458047	24.258	ug/L	100
34) Trichloroethene	9.034	95	112051	23.948	ug/L	93
35) Methylcyclohexane	9.275	83	193836	22.957	ug/L	99
37) 1,2-Dichloropropane	9.310	63	126756	24.147	ug/L	99
38) Bromodichloromethane	9.587	83	148851	24.721	ug/L	91
39) cis-1,3-Dichloropropene	10.016	75	194975	24.171	ug/L	96
40) 4-Methyl-2-pentanone	10.157	43	156752	49.002	ug/L	99
42) Toluene	10.334	91	492112	24.823	ug/L	99
44) trans-1,3-Dichloropropene	10.551	75	163428	24.519	ug/L	99
45) 1,1,2-Trichloroethane	10.734	97	81558	25.417	ug/L	98
46) Tetrachloroethene	10.810	164	84229	24.466	ug/L	95
48) 2-Hexanone	10.922	43	124172	48.972	ug/L	98
49) Dibromochloromethane	11.075	129	94995	26.063	ug/L	95
50) 1,2-Dibromoethane	11.181	107	76418	24.904	ug/L	98
51) Chlorobenzene	11.610	112	287552	24.758	ug/L	98
52) Ethylbenzene	11.687	91	536292	24.585	ug/L	99
53) m,p-Xylene	11.793	106	196692	24.779	ug/L	99
54) o-Xylene	12.122	106	191275	25.159	ug/L	93
55) Styrene	12.140	104	337755	25.444	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.675	83	100415	26.565	ug/L	97
59) Bromoform	12.304	173	55871	24.019	ug/L	96
60) Isopropylbenzene	12.422	105	530984	24.060	ug/L	100
61) 1,2,3-Trichloropropane	12.728	75	69090	23.773	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	399503	23.852	ug/L	99
63) 1,2,4-Trimethylbenzene	13.216	105	409614	24.142	ug/L	100
64) 1,3-Dichlorobenzene	13.463	146	217949	24.073	ug/L	99
65) 1,4-Dichlorobenzene	13.540	146	226702	24.811	ug/L	97
67) 1,2-Dichlorobenzene	13.834	146	195046	24.367	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.445	75	14587	23.075	ug/L #	84
69) 1,3,5-Trichlorobenzene	14.598	180	147596	23.942	ug/L	99
70) 1,2,4-trichlorobenzene	15.104	180	124339	23.931	ug/L	98
71) Naphthalene	15.334	128	236951	24.199	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	109360	24.686	ug/L	99

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

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