

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD083023\
 Data File : VD077076.D
 Acq On : 30 Aug 2023 14:03
 Operator : JC/SY
 Sample : VSTDCCC025EC
 Misc : 5.00G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025184

Quant Time: Aug 31 02:13:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM080323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Aug 31 02:12:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	259590	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	269531	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	145464	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	143645	20.121	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.480%
7) Chloroethane-d5	2.799	69	154480	23.407	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.640%
11) 1,1-Dichloroethene-d2	3.910	65	33231	19.645	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.600%
21) 2-Butanone-d5	6.981	46	72462	63.222	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.440%
24) Chloroform-d	7.563	84	232866	27.548	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	110.200%
26) 1,2-Dichloroethane-d4	8.228	65	123239	29.246	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	117.000%
32) Benzene-d6	8.198	84	437350	25.808	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.240%
36) 1,2-Dichloropropane-d6	9.210	67	136824	26.261	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.040%
41) Toluene-d8	10.269	98	391046	25.169	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.680%
43) trans-1,3-Dichloroprop...	10.522	79	60462	25.667	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.680%
47) 2-Hexanone-d5	10.875	63	66523	66.840	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	133.680%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	156359	31.057	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	124.240%#
66) 1,2-Dichlorobenzene-d4	13.816	152	156532	29.434	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	117.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	91264	21.211	ug/L	99
3) Chloromethane	2.146	50	189440	33.937	ug/L	100
5) Vinyl chloride	2.281	62	215699	27.021	ug/L	90
6) Bromomethane	2.687	94	152394	25.575	ug/L	97
8) Chloroethane	2.834	64	146727	27.304	ug/L	95
9) Trichlorofluoromethane	3.169	101	165714	25.073	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.963	101	100942	23.438	ug/L	98
12) 1,1-Dichloroethene	3.934	96	92529	24.230	ug/L	77
13) Acetone	4.016	43	56676	48.357	ug/L	82
14) Carbon disulfide	4.263	76	315843	23.829	ug/L	96
15) Methyl Acetate	4.557	43	51231	25.861	ug/L	91
16) Methylene chloride	4.793	84	132904	24.407	ug/L #	73
17) trans-1,2-Dichloroethene	5.310	96	110715	25.605	ug/L	83
18) Methyl tert-butyl Ether	5.316	73	252773	26.461	ug/L #	91
19) 1,1-Dichloroethane	6.104	63	183304	25.389	ug/L	93
20) cis-1,2-Dichloroethene	7.069	96	128138	26.547	ug/L	89
22) 2-Butanone	7.075	43	76404	46.593	ug/L	88
23) Bromochloromethane	7.422	128	62965	26.894	ug/L #	73
25) Chloroform	7.593	83	215247	27.222	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	135456	27.333	ug/L	100
29) Cyclohexane	7.875	56	131148	22.104	ug/L #	80
30) 1,1,1-Trichloroethane	7.787	97	171044	25.611	ug/L	95
31) Carbon tetrachloride	7.987	117	146445	26.793	ug/L	99
33) Benzene	8.246	78	464337	26.282	ug/L	100
34) Trichloroethene	9.022	95	114587	24.905	ug/L	99
35) Methylcyclohexane	9.275	83	171691	22.883	ug/L	90
37) 1,2-Dichloropropane	9.304	63	114889	25.599	ug/L #	97
38) Bromodichloromethane	9.581	83	164430	26.605	ug/L	99
39) cis-1,3-Dichloropropene	10.016	75	185054	25.549	ug/L	98
40) 4-Methyl-2-pentanone	10.157	43	144873	51.233	ug/L #	88
42) Toluene	10.328	91	507181	26.400	ug/L	99
44) trans-1,3-Dichloropropene	10.551	75	164113	25.925	ug/L	98
45) 1,1,2-Trichloroethane	10.734	97	107687	26.998	ug/L	93
46) Tetrachloroethene	10.810	164	91579	26.410	ug/L	94
48) 2-Hexanone	10.922	43	110716	50.914	ug/L #	91
49) Dibromochloromethane	11.075	129	123510	27.834	ug/L	97
50) 1,2-Dibromoethane	11.181	107	105526	27.127	ug/L	94
51) Chlorobenzene	11.604	112	331859	26.514	ug/L	96
52) Ethylbenzene	11.681	91	541049	26.430	ug/L	99
53) m,p-Xylene	11.792	106	210574	26.659	ug/L	94
54) o-Xylene	12.122	106	208220	27.408	ug/L	100
55) Styrene	12.134	104	381296	27.759	ug/L	91
57) 1,1,2,2-Tetrachloroethane	12.675	83	131304	26.616	ug/L	98
59) Bromoform	12.298	173	80486	27.900	ug/L #	99
60) Isopropylbenzene	12.422	105	524930	25.092	ug/L	99
61) 1,2,3-Trichloropropane	12.722	75	86149	25.375	ug/L	95
62) 1,3,5-Trimethylbenzene	12.904	105	409618	25.702	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	410721	25.896	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	250392	26.225	ug/L	98
65) 1,4-Dichlorobenzene	13.539	146	263995	26.750	ug/L	96
67) 1,2-Dichlorobenzene	13.833	146	237333	26.516	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.445	75	19224	24.713	ug/L	89
69) 1,3,5-Trichlorobenzene	14.592	180	155271	25.988	ug/L	99
70) 1,2,4-trichlorobenzene	15.104	180	136118	25.899	ug/L	99
71) Naphthalene	15.333	128	318297	25.756	ug/L	98
72) 1,2,3-Trichlorobenzene	15.522	180	130024	27.279	ug/L	96

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

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