

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110923\
 Data File : VD077536.D
 Acq On : 09 Nov 2023 18:01
 Operator : JC/SY
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025204

Quant Time: Nov 10 02:09:52 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	8.775	114	352785	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.580	117	331009	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	156641	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	192187	21.415	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.680%
7) Chloroethane-d5	2.804	69	159369	22.605	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.440%
11) 1,1-Dichloroethene-d2	3.916	65	59723	21.522	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.080%
21) 2-Butanone-d5	6.987	46	88419	56.906	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.820%
24) Chloroform-d	7.569	84	250060	24.537	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.160%
26) 1,2-Dichloroethane-d4	8.234	65	139105	25.661	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.640%
32) Benzene-d6	8.204	84	504441	23.480	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.920%
36) 1,2-Dichloropropane-d6	9.210	67	168026	24.011	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.040%
41) Toluene-d8	10.269	98	453306	23.350	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.400%
43) trans-1,3-Dichloroprop...	10.528	79	75351	24.973	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.880%
47) 2-Hexanone-d5	10.875	63	71293	56.950	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.900%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	128098	27.628	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.520%
66) 1,2-Dichlorobenzene-d4	13.816	152	143370	25.728	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	122445	21.551	ug/L	99
3) Chloromethane	2.152	50	189949	23.238	ug/L	98
5) Vinyl chloride	2.287	62	208987	22.652	ug/L	96
6) Bromomethane	2.699	94	111714	22.744	ug/L	99
8) Chloroethane	2.840	64	133590	23.291	ug/L	96
9) Trichlorofluoromethane	3.175	101	189956	22.624	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	114930	22.244	ug/L	98
12) 1,1-Dichloroethene	3.940	96	107924	21.512	ug/L	87
13) Acetone	4.022	43	87099	53.329	ug/L	65
14) Carbon disulfide	4.275	76	394786	21.854	ug/L	98
15) Methyl Acetate	4.557	43	72868	27.120	ug/L	100
16) Methylene chloride	4.798	84	138086	23.183	ug/L	99
17) trans-1,2-Dichloroethene	5.310	96	119237	22.594	ug/L	99
18) Methyl tert-butyl Ether	5.322	73	321070	25.922	ug/L	99
19) 1,1-Dichloroethane	6.116	63	248851	23.502	ug/L	99
20) cis-1,2-Dichloroethene	7.081	96	136532	23.813	ug/L	97
22) 2-Butanone	7.087	43	107618	54.764	ug/L	97
23) Bromochloromethane	7.428	128	57726	25.057	ug/L	93
25) Chloroform	7.598	83	233925	24.049	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	163427	25.345	ug/L	98
29) Cyclohexane	7.881	56	225398	20.972	ug/L	100
30) 1,1,1-Trichloroethane	7.792	97	192104	22.169	ug/L	99
31) Carbon tetrachloride	7.992	117	161660	21.708	ug/L	97
33) Benzene	8.251	78	527540	22.982	ug/L	100
34) Trichloroethene	9.028	95	129607	22.787	ug/L	93
35) Methylcyclohexane	9.275	83	217849	21.224	ug/L	99
37) 1,2-Dichloropropane	9.304	63	151233	23.700	ug/L	98
38) Bromodichloromethane	9.586	83	178442	24.379	ug/L	97
39) cis-1,3-Dichloropropene	10.016	75	240847	24.562	ug/L	99
40) 4-Methyl-2-pentanone	10.157	43	201487	51.813	ug/L	99
42) Toluene	10.333	91	556575	23.095	ug/L	99
44) trans-1,3-Dichloropropene	10.557	75	200490	24.744	ug/L	99
45) 1,1,2-Trichloroethane	10.733	97	100086	25.659	ug/L	96
46) Tetrachloroethene	10.810	164	92873	22.192	ug/L	94
48) 2-Hexanone	10.922	43	161355	52.348	ug/L	99
49) Dibromochloromethane	11.075	129	110436	24.925	ug/L	98
50) 1,2-Dibromoethane	11.180	107	93425	25.046	ug/L	97
51) Chlorobenzene	11.610	112	333645	23.631	ug/L	97
52) Ethylbenzene	11.686	91	612029	23.080	ug/L	96
53) m,p-Xylene	11.792	106	226514	23.474	ug/L	97
54) o-Xylene	12.122	106	219184	23.716	ug/L	97
55) Styrene	12.133	104	383132	23.743	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.675	83	121393	26.418	ug/L	98
59) Bromoform	12.298	173	67925	25.434	ug/L	98
60) Isopropylbenzene	12.422	105	579197	22.860	ug/L	99
61) 1,2,3-Trichloropropane	12.727	75	85870	25.736	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	447052	23.248	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	463446	23.792	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	246934	23.756	ug/L	98
65) 1,4-Dichlorobenzene	13.539	146	249778	23.811	ug/L	98
67) 1,2-Dichlorobenzene	13.833	146	223544	24.325	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.451	75	19157	26.396	ug/L #	81
69) 1,3,5-Trichlorobenzene	14.592	180	168863	23.859	ug/L	98
70) 1,2,4-trichlorobenzene	15.098	180	148388	24.876	ug/L	98
71) Naphthalene	15.333	128	289784	25.777	ug/L	99
72) 1,2,3-Trichlorobenzene	15.521	180	127333	25.035	ug/L	100

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

