

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120123\
 Data File : VD077718.D
 Acq On : 01 Dec 2023 08:51
 Operator : JC/SY
 Sample : VSTDCCC025
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025221

Quant Time: Dec 04 03:07:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM112923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Nov 30 23:00:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	314330	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	296861	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	148659	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	156010	18.200	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.800%
7) Chloroethane-d5	2.811	69	132922	19.455	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.800%
11) 1,1-Dichloroethene-d2	3.928	65	41510	18.676	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.720%
21) 2-Butanone-d5	6.993	46	48055	44.357	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.720%
24) Chloroform-d	7.575	84	186291	21.990	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.960%
26) 1,2-Dichloroethane-d4	8.234	65	96232	22.419	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.680%
32) Benzene-d6	8.204	84	370827	20.741	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.960%
36) 1,2-Dichloropropane-d6	9.210	67	115156	21.110	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.440%
41) Toluene-d8	10.269	98	347195	21.098	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.400%
43) trans-1,3-Dichloroprop...	10.528	79	49915	20.692	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.760%
47) 2-Hexanone-d5	10.875	63	43438	46.210	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.420%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	91328	23.168	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.680%
66) 1,2-Dichlorobenzene-d4	13.816	152	113831	21.404	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	112962	22.511	ug/L	98
3) Chloromethane	2.152	50	151567	21.024	ug/L	97
5) Vinyl chloride	2.287	62	196185	21.848	ug/L	100
6) Bromomethane	2.699	94	101715	21.382	ug/L	98
8) Chloroethane	2.846	64	128502	22.926	ug/L	98
9) Trichlorofluoromethane	3.181	101	174233	22.750	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	109707	24.282	ug/L	99
12) 1,1-Dichloroethene	3.946	96	101029	23.628	ug/L #	82
13) Acetone	4.022	43	72834	52.472	ug/L	98
14) Carbon disulfide	4.275	76	354881	23.420	ug/L	97
15) Methyl Acetate	4.563	43	45345	22.821	ug/L	99
16) Methylene chloride	4.811	84	112607	20.176	ug/L	93
17) trans-1,2-Dichloroethene	5.316	96	108917	24.432	ug/L	95
18) Methyl tert-butyl Ether	5.322	73	237523	24.170	ug/L	99
19) 1,1-Dichloroethane	6.116	63	195827	23.307	ug/L	98
20) cis-1,2-Dichloroethene	7.087	96	115394	23.293	ug/L	97
22) 2-Butanone	7.087	43	75970	48.628	ug/L #	66
23) Bromochloromethane	7.428	128	50746	24.605	ug/L	90
25) Chloroform	7.599	83	196022	23.697	ug/L	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120123\
 Data File : VD077718.D
 Acq On : 01 Dec 2023 08:51
 Operator : JC/SY
 Sample : VSTDCCC025
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025221

Quant Time: Dec 04 03:07:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM112923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Nov 30 23:00:23 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	126736	24.494	ug/L	100
29) Cyclohexane	7.881	56	180416	23.031	ug/L	97
30) 1,1,1-Trichloroethane	7.793	97	168199	23.155	ug/L	99
31) Carbon tetrachloride	7.993	117	151733	23.752	ug/L	100
33) Benzene	8.257	78	453335	23.462	ug/L	100
34) Trichloroethene	9.034	95	111750	23.299	ug/L	99
35) Methylcyclohexane	9.275	83	200080	23.497	ug/L	98
37) 1,2-Dichloropropane	9.304	63	118220	23.467	ug/L	100
38) Bromodichloromethane	9.581	83	139357	22.748	ug/L	99
39) cis-1,3-Dichloropropene	10.016	75	188377	23.945	ug/L	99
40) 4-Methyl-2-pentanone	10.157	43	131317	47.237	ug/L	98
42) Toluene	10.334	91	485529	23.658	ug/L	97
44) trans-1,3-Dichloropropene	10.557	75	154161	23.461	ug/L	99
45) 1,1,2-Trichloroethane	10.734	97	83305	24.622	ug/L	96
46) Tetrachloroethene	10.810	164	86887	22.465	ug/L	92
48) 2-Hexanone	10.922	43	116781	49.422	ug/L	98
49) Dibromochloromethane	11.081	129	93578	23.261	ug/L	95
50) 1,2-Dibromoethane	11.181	107	76543	23.458	ug/L	97
51) Chlorobenzene	11.610	112	301226	23.671	ug/L	98
52) Ethylbenzene	11.687	91	531074	23.343	ug/L	98
53) m,p-Xylene	11.792	106	199043	23.154	ug/L	98
54) o-Xylene	12.122	106	198373	24.112	ug/L	99
55) Styrene	12.140	104	346370	24.060	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.675	83	96808	24.148	ug/L	97
59) Bromoform	12.304	173	58780	23.897	ug/L #	98
60) Isopropylbenzene	12.422	105	530302	23.900	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	65074	23.798	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	387298	23.240	ug/L	98
63) 1,2,4-Trimethylbenzene	13.216	105	404205	23.921	ug/L	99
64) 1,3-Dichlorobenzene	13.463	146	226236	23.576	ug/L	97
65) 1,4-Dichlorobenzene	13.539	146	229189	23.017	ug/L	96
67) 1,2-Dichlorobenzene	13.834	146	204582	23.693	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.451	75	14325	22.217	ug/L	98
69) 1,3,5-Trichlorobenzene	14.592	180	152724	23.373	ug/L	98
70) 1,2,4-trichlorobenzene	15.104	180	128541	23.172	ug/L	97
71) Naphthalene	15.333	128	240715	23.736	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	111900	23.011	ug/L	99

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

