

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010925\
 Data File : VD080202.D
 Acq On : 09 Jan 2025 19:15
 Operator : RP/MD
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025935

Quant Time: Jan 10 00:10:57 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM010925SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jan 09 20:13:33 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	224953	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	223927	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	119987	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	164562	24.943	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.760%
7) Chloroethane-d5	2.805	69	139965	26.105	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.440%
11) 1,1-Dichloroethene-d2	3.922	65	38082	23.920	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	95.680%
21) 2-Butanone-d5	6.993	46	38684	50.686	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.380%
24) Chloroform-d	7.575	84	183183	25.950	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.800%
26) 1,2-Dichloroethane-d4	8.234	65	98456	26.627	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.520%
32) Benzene-d6	8.204	84	361059	24.976	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.920%
36) 1,2-Dichloropropane-d6	9.210	67	116358	24.319	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.280%
41) Toluene-d8	10.269	98	341098	25.890	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.560%
43) trans-1,3-Dichloroprop...	10.528	79	49717	25.432	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.720%
47) 2-Hexanone-d5	10.875	63	32587	54.649	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.300%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	99137	27.651	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.600%
66) 1,2-Dichlorobenzene-d4	13.816	152	112874	25.025	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.080%
Target Compounds	Qvalue					
2) Dichlorodifluoromethane	1.940	85	87611	19.623	ug/L	99
3) Chloromethane	2.152	50	132356	21.746	ug/L	98
5) Vinyl chloride	2.287	62	159410	21.345	ug/L	94
6) Bromomethane	2.699	94	88059	20.246	ug/L	95
8) Chloroethane	2.840	64	100858	22.016	ug/L	98
9) Trichlorofluoromethane	3.175	101	134502	21.675	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	79297	22.397	ug/L	99
12) 1,1-Dichloroethene	3.946	96	66761	21.125	ug/L	87
13) Acetone	4.034	43	24206	40.095	ug/L	82
14) Carbon disulfide	4.281	76	260398	22.108	ug/L	99
15) Methyl Acetate	4.563	43	34421	22.783	ug/L	98
16) Methylene chloride	4.811	84	85447	22.375	ug/L	97
17) trans-1,2-Dichloroethene	5.316	96	77471	22.535	ug/L	97
18) Methyl tert-butyl Ether	5.322	73	155387	23.721	ug/L #	91
19) 1,1-Dichloroethane	6.116	63	147463	22.218	ug/L	97
20) cis-1,2-Dichloroethene	7.081	96	84066	23.252	ug/L	94
22) 2-Butanone	7.093	43	37733	43.868	ug/L	98
23) Bromochloromethane	7.434	128	41996	24.020	ug/L	92
25) Chloroform	7.599	83	171363	23.297	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	102770	23.950	ug/L	97
29) Cyclohexane	7.881	56	117427	20.843	ug/L	98
30) 1,1,1-Trichloroethane	7.793	97	128636	21.683	ug/L	98
31) Carbon tetrachloride	7.993	117	112707	21.525	ug/L	99
33) Benzene	8.257	78	333969	21.933	ug/L	100
34) Trichloroethene	9.028	95	86447	21.921	ug/L	97
35) Methylcyclohexane	9.275	83	129577	22.097	ug/L	99
37) 1,2-Dichloropropane	9.304	63	91852	22.141	ug/L	100
38) Bromodichloromethane	9.587	83	117787	22.646	ug/L	99
39) cis-1,3-Dichloropropene	10.022	75	134034	22.859	ug/L	98
40) 4-Methyl-2-pentanone	10.157	43	94993	46.647	ug/L	99
42) Toluene	10.334	91	372504	23.415	ug/L	99
44) trans-1,3-Dichloropropene	10.557	75	121611	24.017	ug/L	98
45) 1,1,2-Trichloroethane	10.734	97	68503	22.616	ug/L	96
46) Tetrachloroethene	10.810	164	68764	21.641	ug/L	89
48) 2-Hexanone	10.922	43	69383	49.969	ug/L	96
49) Dibromochloromethane	11.075	129	80430	23.843	ug/L	93
50) 1,2-Dibromoethane	11.181	107	64894	23.574	ug/L	98
51) Chlorobenzene	11.610	112	228522	22.407	ug/L	99
52) Ethylbenzene	11.687	91	394910	23.134	ug/L	98
53) m,p-Xylene	11.793	106	150496	23.590	ug/L	99
54) o-Xylene	12.122	106	140347	23.516	ug/L	99
55) Styrene	12.134	104	261925	24.231	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.675	83	83427	24.296	ug/L #	92
59) Bromoform	12.298	173	51246	23.803	ug/L	98
60) Isopropylbenzene	12.422	105	374280	22.366	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	56796	22.385	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	296001	22.196	ug/L	100
63) 1,2,4-Trimethylbenzene	13.216	105	299363	23.012	ug/L	100
64) 1,3-Dichlorobenzene	13.463	146	181744	22.202	ug/L	97
65) 1,4-Dichlorobenzene	13.539	146	192402	22.764	ug/L	99
67) 1,2-Dichlorobenzene	13.834	146	164973	22.500	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.451	75	12645	22.920	ug/L	96
69) 1,3,5-Trichlorobenzene	14.598	180	122659	22.035	ug/L	100
70) 1,2,4-trichlorobenzene	15.104	180	100332	22.089	ug/L	98
71) Naphthalene	15.334	128	179699	22.485	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	97245	23.051	ug/L	98

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

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