

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011025\
 Data File : VD080210.D
 Acq On : 10 Jan 2025 16:00
 Operator : RP/MD
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025937

Quant Time: Jan 13 00:15:03 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM010925SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Jan 13 00:09:32 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	170074	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	174121	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	96039	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	112362	22.526	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.120%
7) Chloroethane-d5	2.805	69	97889	24.149	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.600%
11) 1,1-Dichloroethene-d2	3.916	65	26723	22.202	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.800%
21) 2-Butanone-d5	6.987	46	29050m	50.345	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.680%
24) Chloroform-d	7.563	84	126076	23.623	ug/L	-0.01
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.480%
26) 1,2-Dichloroethane-d4	8.228	65	70665	25.278	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.120%
32) Benzene-d6	8.199	84	253498	22.551	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.200%
36) 1,2-Dichloropropane-d6	9.210	67	82857	22.271	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.080%
41) Toluene-d8	10.269	98	235342	22.972	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.880%
43) trans-1,3-Dichloroprop...	10.522	79	34390	22.623	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.480%
47) 2-Hexanone-d5	10.875	63	23327	50.310	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.620%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	72765	26.100	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.400%
66) 1,2-Dichlorobenzene-d4	13.816	152	80765	22.371	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.480%
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.940	85	79882	23.665	ug/L	100
3) Chloromethane	2.152	50	124331	27.019	ug/L	94
5) Vinyl chloride	2.287	62	145931	25.845	ug/L	100
6) Bromomethane	2.699	94	75435	22.940	ug/L	94
8) Chloroethane	2.840	64	93706	27.055	ug/L	100
9) Trichlorofluoromethane	3.175	101	120455	25.675	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	70973	26.514	ug/L	99
12) 1,1-Dichloroethene	3.934	96	59981	25.104	ug/L	92
13) Acetone	4.028	43	25698	56.302	ug/L	92
14) Carbon disulfide	4.269	76	228791	25.692	ug/L	100
15) Methyl Acetate	4.564	43	31296	27.398	ug/L #	72
16) Methylene chloride	4.799	84	76867	26.623	ug/L	95
17) trans-1,2-Dichloroethene	5.316	96	70666	27.188	ug/L	98
18) Methyl tert-butyl Ether	5.316	73	144557	29.189	ug/L #	90
19) 1,1-Dichloroethane	6.116	63	137799	27.462	ug/L	99
20) cis-1,2-Dichloroethene	7.081	96	76107	27.843	ug/L	94
22) 2-Butanone	7.087	43	36298	55.816	ug/L	77
23) Bromochloromethane	7.428	128	38910	29.436	ug/L	91
25) Chloroform	7.593	83	161030	28.956	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	96208m	29.656	ug/L	
29) Cyclohexane	7.881	56	106618	24.337	ug/L	100
30) 1,1,1-Trichloroethane	7.793	97	118231	25.630	ug/L	99
31) Carbon tetrachloride	7.993	117	105525	25.918	ug/L	100
33) Benzene	8.252	78	312472	26.391	ug/L	100
34) Trichloroethene	9.028	95	76930	25.088	ug/L	94
35) Methylcyclohexane	9.275	83	117857	25.847	ug/L	98
37) 1,2-Dichloropropane	9.304	63	89420	27.720	ug/L	99
38) Bromodichloromethane	9.581	83	111933	27.677	ug/L	99
39) cis-1,3-Dichloropropene	10.016	75	122760	26.925	ug/L	97
40) 4-Methyl-2-pentanone	10.157	43	90983	57.457	ug/L	99
42) Toluene	10.334	91	342433	27.681	ug/L	98
44) trans-1,3-Dichloropropene	10.551	75	113752	28.890	ug/L	99
45) 1,1,2-Trichloroethane	10.734	97	66351	28.171	ug/L	98
46) Tetrachloroethene	10.810	164	62085	25.128	ug/L	96
48) 2-Hexanone	10.916	43	65411	60.584	ug/L	99
49) Dibromochloromethane	11.075	129	75265	28.694	ug/L	98
50) 1,2-Dibromoethane	11.181	107	60701	28.358	ug/L	92
51) Chlorobenzene	11.610	112	209648	26.436	ug/L	100
52) Ethylbenzene	11.687	91	363199	27.362	ug/L	98
53) m,p-Xylene	11.793	106	138711	27.962	ug/L	92
54) o-Xylene	12.122	106	129230	27.847	ug/L	99
55) Styrene	12.134	104	242441	28.844	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.675	83	80805	30.264	ug/L #	91
59) Bromoform	12.298	173	46851	27.188	ug/L	98
60) Isopropylbenzene	12.422	105	346027	25.834	ug/L	100
61) 1,2,3-Trichloropropane	12.728	75	55170	27.166	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	275916	25.849	ug/L	98
63) 1,2,4-Trimethylbenzene	13.216	105	280624	26.950	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	169709	25.902	ug/L	99
65) 1,4-Dichlorobenzene	13.539	146	178246	26.348	ug/L	97
67) 1,2-Dichlorobenzene	13.834	146	156628	26.688	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.451	75	12136	27.482	ug/L #	88
69) 1,3,5-Trichlorobenzene	14.592	180	112861	25.331	ug/L	98
70) 1,2,4-trichlorobenzene	15.098	180	91798	25.249	ug/L	99
71) Naphthalene	15.334	128	171894	26.872	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	90131	26.692	ug/L	98

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

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