

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD112423\
 Data File : VD077681.D
 Acq On : 24 Nov 2023 10:02
 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: Nov 26 23:56:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Nov 22 01:40:25 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	246636	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	231956	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	123347	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	173638	27.676	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.720%
7) Chloroethane-d5	2.811	69	143028	29.019	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	116.080%
11) 1,1-Dichloroethene-d2	3.922	65	50911	26.242	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	104.960%
21) 2-Butanone-d5	6.987	46	56829	52.316	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.640%
24) Chloroform-d	7.569	84	192910	27.076	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	108.320%
26) 1,2-Dichloroethane-d4	8.234	65	107225	28.293	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.160%
32) Benzene-d6	8.205	84	399335	26.526	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.120%
36) 1,2-Dichloropropane-d6	9.210	67	125105	25.512	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.040%
41) Toluene-d8	10.269	98	361798	26.595	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.400%
43) trans-1,3-Dichloroprop...	10.528	79	53832	25.460	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.840%
47) 2-Hexanone-d5	10.881	63	45106	51.418	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.840%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	94493	29.084	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	116.320%
66) 1,2-Dichlorobenzene-d4	13.816	152	112948	25.740	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	92945	23.400	ug/L	100
3) Chloromethane	2.152	50	124164	21.728	ug/L	100
5) Vinyl chloride	2.287	62	152195	23.596	ug/L	99
6) Bromomethane	2.699	94	85210	24.814	ug/L	99
8) Chloroethane	2.846	64	100367	25.030	ug/L	90
9) Trichlorofluoromethane	3.181	101	151491	25.808	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.975	101	92284	25.548	ug/L	99
12) 1,1-Dichloroethene	3.946	96	81088	23.120	ug/L	89
13) Acetone	4.022	43	61268	53.659	ug/L	98
14) Carbon disulfide	4.275	76	238488	18.884	ug/L	99
15) Methyl Acetate	4.564	43	47118	25.084	ug/L #	83
16) Methylene chloride	4.805	84	94090	22.595	ug/L	98
17) trans-1,2-Dichloroethene	5.316	96	84778	22.979	ug/L	95
18) Methyl tert-butyl Ether	5.316	73	226748	26.185	ug/L	99
19) 1,1-Dichloroethane	6.116	63	180962	24.446	ug/L	95
20) cis-1,2-Dichloroethene	7.081	96	97814	24.403	ug/L	95
22) 2-Butanone	7.087	43	67205	48.917	ug/L	98
23) Bromochloromethane	7.428	128	42132	26.159	ug/L	95
25) Chloroform	7.599	83	178145	26.197	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	120406	26.710	ug/L	97
29) Cyclohexane	7.881	56	150182	19.941	ug/L	98
30) 1,1,1-Trichloroethane	7.799	97	149115	24.556	ug/L	99
31) Carbon tetrachloride	7.993	117	130278	24.964	ug/L	100
33) Benzene	8.252	78	380189	23.636	ug/L	100
34) Trichloroethene	9.028	95	94447	23.696	ug/L	91
35) Methylcyclohexane	9.275	83	154381	21.464	ug/L	97
37) 1,2-Dichloropropane	9.305	63	108464	24.256	ug/L	100
38) Bromodichloromethane	9.587	83	131539	25.645	ug/L	92
39) cis-1,3-Dichloropropene	10.016	75	168313	24.494	ug/L	98
40) 4-Methyl-2-pentanone	10.157	43	139673	51.256	ug/L	98
42) Toluene	10.334	91	409900	24.272	ug/L	99
44) trans-1,3-Dichloropropene	10.552	75	145651	25.652	ug/L	98
45) 1,1,2-Trichloroethane	10.734	97	74185	27.140	ug/L	93
46) Tetrachloroethene	10.810	164	72752	24.807	ug/L	96
48) 2-Hexanone	10.922	43	99866	46.235	ug/L	95
49) Dibromochloromethane	11.075	129	84746	27.294	ug/L	97
50) 1,2-Dibromoethane	11.181	107	68541	26.222	ug/L	96
51) Chlorobenzene	11.610	112	252194	25.490	ug/L	96
52) Ethylbenzene	11.687	91	458209	24.658	ug/L	99
53) m,p-Xylene	11.793	106	167560	24.780	ug/L	94
54) o-Xylene	12.122	106	164109	25.340	ug/L	97
55) Styrene	12.134	104	294347	26.030	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.675	83	91414	28.389	ug/L	99
59) Bromoform	12.298	173	54225	25.785	ug/L	99
60) Isopropylbenzene	12.422	105	459116	23.011	ug/L	100
61) 1,2,3-Trichloropropane	12.728	75	62904	23.941	ug/L	97
62) 1,3,5-Trimethylbenzene	12.904	105	347614	22.956	ug/L	98
63) 1,2,4-Trimethylbenzene	13.216	105	355554	23.180	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	197209	24.093	ug/L	99
65) 1,4-Dichlorobenzene	13.540	146	204847	24.798	ug/L	99
67) 1,2-Dichlorobenzene	13.834	146	181302	25.054	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.451	75	14099	24.670	ug/L #	88
69) 1,3,5-Trichlorobenzene	14.592	180	136497	24.491	ug/L	99
70) 1,2,4-trichlorobenzene	15.104	180	118392	25.205	ug/L	99
71) Naphthalene	15.334	128	224026	25.307	ug/L	100
72) 1,2,3-Trichlorobenzene	15.522	180	103327	25.799	ug/L	98

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

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