

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052924\
 Data File : VD079082.D
 Acq On : 29 May 2024 23:26
 Operator : RP/MD
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025882

Quant Time: May 30 01:17:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu May 30 01:09:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	193200	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	196711	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	102968	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	134842	22.680	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.720%
7) Chloroethane-d5	2.799	69	134111	23.329	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.320%
11) 1,1-Dichloroethene-d2	3.916	65	22379	21.204	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.800%
21) 2-Butanone-d5	6.993	46	23700	52.118	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.240%
24) Chloroform-d	7.569	84	128752	23.834	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.320%
26) 1,2-Dichloroethane-d4	8.228	65	62075	24.910	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.640%
32) Benzene-d6	8.204	84	259244	23.773	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.080%
36) 1,2-Dichloropropane-d6	9.210	67	72911	23.211	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.840%
41) Toluene-d8	10.269	98	238998	23.407	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.640%
43) trans-1,3-Dichloroprop...	10.522	79	33095	25.066	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.280%
47) 2-Hexanone-d5	10.875	63	21007	51.730	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.460%
56) 1,1,2,2-Tetrachloroeth...	12.645	84	69854	25.106	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.440%
66) 1,2-Dichlorobenzene-d4	13.810	152	82659	23.260	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	64116	20.964	ug/L	99
3) Chloromethane	2.146	50	103039	25.278	ug/L	99
5) Vinyl chloride	2.281	62	158574	23.569	ug/L	96
6) Bromomethane	2.687	94	125613	24.184	ug/L	95
8) Chloroethane	2.834	64	116172	23.559	ug/L	93
9) Trichlorofluoromethane	3.169	101	105429	20.570	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.963	101	67584	21.990	ug/L	97
12) 1,1-Dichloroethene	3.940	96	59968	22.413	ug/L	90
13) Acetone	4.028	43	23909	36.317	ug/L	70
14) Carbon disulfide	4.269	76	214300	22.960	ug/L	99
15) Methyl Acetate	4.558	43	23891	26.634	ug/L	91
16) Methylene chloride	4.799	84	93973	27.298	ug/L	97
17) trans-1,2-Dichloroethene	5.310	96	70609	24.419	ug/L	92
18) Methyl tert-butyl Ether	5.316	73	142375	27.762	ug/L #	90
19) 1,1-Dichloroethane	6.110	63	115126	24.729	ug/L	99
20) cis-1,2-Dichloroethene	7.075	96	79574	26.429	ug/L	96
22) 2-Butanone	7.087	43	33595	48.576	ug/L	97
23) Bromochloromethane	7.422	128	40674	26.646	ug/L	94
25) Chloroform	7.599	83	134921	25.526	ug/L	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	82214	26.795	ug/L	99
29) Cyclohexane	7.875	56	79090	22.284	ug/L	97
30) 1,1,1-Trichloroethane	7.793	97	106355	22.836	ug/L	100
31) Carbon tetrachloride	7.987	117	98892	22.850	ug/L	96
33) Benzene	8.251	78	297114	25.360	ug/L	100
34) Trichloroethene	9.028	95	73183	24.252	ug/L	97
35) Methylcyclohexane	9.275	83	112835	22.567	ug/L	99
37) 1,2-Dichloropropane	9.304	63	72358	25.214	ug/L	99
38) Bromodichloromethane	9.587	83	102980	25.813	ug/L	95
39) cis-1,3-Dichloropropene	10.016	75	113426	25.319	ug/L	92
40) 4-Methyl-2-pentanone	10.157	43	67093	56.005	ug/L	93
42) Toluene	10.334	91	328073	25.217	ug/L	95
44) trans-1,3-Dichloropropene	10.551	75	101721	26.852	ug/L	97
45) 1,1,2-Trichloroethane	10.734	97	66351	26.354	ug/L	97
46) Tetrachloroethene	10.810	164	60605	22.809	ug/L	95
48) 2-Hexanone	10.922	43	50531	48.746	ug/L	99
49) Dibromochloromethane	11.069	129	78065	26.184	ug/L	91
50) 1,2-Dibromoethane	11.175	107	62817	27.149	ug/L #	96
51) Chlorobenzene	11.604	112	221977	25.643	ug/L	98
52) Ethylbenzene	11.681	91	349322	25.741	ug/L	98
53) m,p-Xylene	11.792	106	136855	25.704	ug/L	96
54) o-Xylene	12.122	106	136365	26.510	ug/L	96
55) Styrene	12.134	104	250002	27.410	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.669	83	77853	27.625	ug/L	93
59) Bromoform	12.298	173	48980	25.954	ug/L	99
60) Isopropylbenzene	12.422	105	335873	24.669	ug/L	99
61) 1,2,3-Trichloropropane	12.722	75	50900	27.999	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	235063	25.251	ug/L	98
63) 1,2,4-Trimethylbenzene	13.210	105	260553	26.168	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	162143	24.790	ug/L	94
65) 1,4-Dichlorobenzene	13.534	146	170021	24.533	ug/L	98
67) 1,2-Dichlorobenzene	13.828	146	155630	25.739	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.445	75	10991	29.411	ug/L	91
69) 1,3,5-Trichlorobenzene	14.592	180	97545	23.646	ug/L	98
70) 1,2,4-trichlorobenzene	15.098	180	81281	23.724	ug/L	98
71) Naphthalene	15.328	128	173560	27.088	ug/L	99
72) 1,2,3-Trichlorobenzene	15.516	180	78833	26.623	ug/L	96

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

