

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD043024\
 Data File : VD078848.D
 Acq On : 30 Apr 2024 10:33
 Operator : RP/MD
 Sample : VSTDCCC025
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025245

Quant Time: May 01 08:48:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM041124SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 12 07:08:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	155739	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	166727	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	88966	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	91900	21.422	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.680%
7) Chloroethane-d5	2.805	69	108332	26.807	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.240%
11) 1,1-Dichloroethene-d2	3.916	65	22863	29.016	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	116.080%#
21) 2-Butanone-d5	6.987	46	27893m	68.239	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	136.480%#
24) Chloroform-d	7.569	84	106699	28.064	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	112.240%
26) 1,2-Dichloroethane-d4	8.234	65	54907	28.425	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.720%
32) Benzene-d6	8.204	84	219679	25.859	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.440%
36) 1,2-Dichloropropane-d6	9.210	67	66147	27.058	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.240%
41) Toluene-d8	10.269	98	198243	24.744	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.960%
43) trans-1,3-Dichloroprop...	10.528	79	29459	26.403	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	105.600%
47) 2-Hexanone-d5	10.875	63	25478	64.510	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	129.020%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	68386	29.664	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	118.640%
66) 1,2-Dichlorobenzene-d4	13.816	152	75932	25.024	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.080%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	58822	26.246	ug/L	97
3) Chloromethane	2.152	50	80276	25.000	ug/L	98
5) Vinyl chloride	2.287	62	112955	23.394	ug/L	98
6) Bromomethane	2.699	94	86854	24.751	ug/L	100
8) Chloroethane	2.840	64	97095	27.561	ug/L	100
9) Trichlorofluoromethane	3.181	101	104391	29.555	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	65094	28.530	ug/L #	86
12) 1,1-Dichloroethene	3.946	96	56024	27.492	ug/L	90
13) Acetone	4.022	43	29937	57.125	ug/L	99
14) Carbon disulfide	4.275	76	169895	24.509	ug/L	97
15) Methyl Acetate	4.569	43	25176	32.601	ug/L	99
16) Methylene chloride	4.805	84	63744	23.623	ug/L	94
17) trans-1,2-Dichloroethene	5.316	96	56228	24.701	ug/L	91
18) Methyl tert-butyl Ether	5.322	73	128470	29.501	ug/L #	93
19) 1,1-Dichloroethane	6.110	63	104193	28.730	ug/L	95
20) cis-1,2-Dichloroethene	7.081	96	64349	26.003	ug/L	87
22) 2-Butanone	7.081	43	33857	52.881	ug/L #	69
23) Bromochloromethane	7.428	128	33130	27.136	ug/L	94
25) Chloroform	7.599	83	120709	28.245	ug/L	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	72483	30.222	ug/L	95
29) Cyclohexane	7.881	56	66549	23.495	ug/L	94
30) 1,1,1-Trichloroethane	7.799	97	91795	24.479	ug/L	97
31) Carbon tetrachloride	7.993	117	81101	24.095	ug/L	100
33) Benzene	8.252	78	253280	26.792	ug/L	100
34) Trichloroethene	9.028	95	60040	23.807	ug/L	93
35) Methylcyclohexane	9.275	83	81484	21.750	ug/L	96
37) 1,2-Dichloropropane	9.304	63	64749	26.712	ug/L	98
38) Bromodichloromethane	9.587	83	87963	26.375	ug/L	94
39) cis-1,3-Dichloropropene	10.016	75	102270	27.468	ug/L	98
40) 4-Methyl-2-pentanone	10.157	43	72216	65.225	ug/L	97
42) Toluene	10.334	91	273634	26.147	ug/L	99
44) trans-1,3-Dichloropropene	10.551	75	91858	28.155	ug/L	97
45) 1,1,2-Trichloroethane	10.734	97	56830	26.848	ug/L	95
46) Tetrachloroethene	10.810	164	45116	21.364	ug/L	93
48) 2-Hexanone	10.922	43	57036	65.454	ug/L	94
49) Dibromochloromethane	11.075	129	64360	26.259	ug/L	93
50) 1,2-Dibromoethane	11.181	107	53273	25.898	ug/L	100
51) Chlorobenzene	11.604	112	176276	24.973	ug/L	98
52) Ethylbenzene	11.681	91	283850	25.796	ug/L	98
53) m,p-Xylene	11.793	106	111001	25.608	ug/L	99
54) o-Xylene	12.122	106	109439	26.120	ug/L	95
55) Styrene	12.134	104	205112	27.315	ug/L	92
57) 1,1,2,2-Tetrachloroethane	12.669	83	68646	28.093	ug/L	98
59) Bromoform	12.298	173	41282	23.672	ug/L	98
60) Isopropylbenzene	12.422	105	274841	24.412	ug/L	100
61) 1,2,3-Trichloropropane	12.728	75	44477	27.086	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	208365	30.530	ug/L	98
63) 1,2,4-Trimethylbenzene	13.210	105	210268	25.106	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	130012	23.203	ug/L	98
65) 1,4-Dichlorobenzene	13.539	146	138437	23.362	ug/L	98
67) 1,2-Dichlorobenzene	13.828	146	130806	24.780	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.445	75	9685	25.905	ug/L	92
69) 1,3,5-Trichlorobenzene	14.592	180	77960	21.635	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	62372	20.525	ug/L	97
71) Naphthalene	15.334	128	143240	24.285	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	62769	22.560	ug/L	97

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

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