

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070224\
 Data File : VD079311.D
 Acq On : 02 Jul 2024 08:49
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 03 01:18:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062824S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 29 06:28:31 2024
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	50.000	50.000	0.0	96	0.00
2 T	Dichlorodifluoromethane	50.000	49.222	1.6	103	0.00
3 P	Chloromethane	50.000	48.131	3.7	104	0.00
4 C	Vinyl Chloride	50.000	56.165	-12.3#	115	0.00
5 T	Bromomethane	50.000	53.173	-6.3	106	0.03
6 T	Chloroethane	50.000	48.913	2.2	105	0.02
7 T	Trichlorofluoromethane	50.000	50.716	-1.4	108	0.01
8 T	Diethyl Ether	50.000	47.732	4.5	101	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	50.922	-1.8	108	0.01
10 T	Methyl Iodide	50.000	54.058	-8.1	114	0.00
11 T	Tert butyl alcohol	250.000	250.300	-0.1	112	0.00
12 CM	1,1-Dichloroethene	50.000	50.310	-0.6#	103	0.00
13 T	Acrolein	250.000	198.874	20.5	82	0.00
14 T	Allyl chloride	50.000	50.345	-0.7	104	0.00
15 T	Acrylonitrile	250.000	251.203	-0.5	105	0.01
16 T	Acetone	250.000	301.245	-20.5	113	0.00
17 T	Carbon Disulfide	50.000	49.499	1.0	102	0.00
18 T	Methyl Acetate	50.000	46.817	6.4	94	0.00
19 T	Methyl tert-butyl Ether	50.000	51.155	-2.3	105	0.00
20 T	Methylene Chloride	50.000	46.796	6.4	97	0.01
21 T	trans-1,2-Dichloroethene	50.000	49.995	0.0	102	0.00
22 T	Diisopropyl ether	50.000	51.701	-3.4	103	0.00
23 T	Vinyl Acetate	250.000	271.581	-8.6	107	0.00
24 P	1,1-Dichloroethane	50.000	49.687	0.6	103	0.00
25 T	2-Butanone	250.000	279.878	-12.0	113	0.00
26 T	2,2-Dichloropropane	50.000	52.411	-4.8	108	0.00
27 T	cis-1,2-Dichloroethene	50.000	50.134	-0.3	103	0.00
28 T	Bromochloromethane	50.000	48.558	2.9	101	0.00
29 T	Tetrahydrofuran	250.000	258.601	-3.4	104	0.00
30 C	Chloroform	50.000	50.737	-1.5#	107	0.00
31 T	Cyclohexane	50.000	49.638	0.7	104	0.00
32 T	1,1,1-Trichloroethane	50.000	52.030	-4.1	107	0.00
33 S	1,2-Dichloroethane-d4	50.000	48.487	3.0	100	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	95	0.00
35 S	Dibromofluoromethane	50.000	45.735	8.5	93	0.00
36 T	1,1-Dichloropropene	50.000	56.431	-12.9	107	0.00
37 T	Ethyl Acetate	50.000	58.629	-17.3	115	0.00
38 T	Carbon Tetrachloride	50.000	55.728	-11.5	109	0.00
39 T	Methylcyclohexane	50.000	55.062	-10.1	103	0.00
40 TM	Benzene	50.000	53.648	-7.3	104	0.00
41 T	Methacrylonitrile	50.000	55.721	-11.4	118	0.00
42 TM	1,2-Dichloroethane	50.000	53.815	-7.6	106	0.00
43 T	Isopropyl Acetate	50.000	53.904	-7.8	109	0.00
44 TM	Trichloroethene	50.000	54.097	-8.2	106	0.00
45 C	1,2-Dichloropropane	50.000	54.160	-8.3#	104	0.00
46 T	Dibromomethane	50.000	53.653	-7.3	109	0.00
47 T	Bromodichloromethane	50.000	54.227	-8.5	107	0.00
48 T	Methyl methacrylate	50.000	58.148	-16.3	109	0.00

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Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)

49 T	1,4-Dioxane	1000.000	1067.582	-6.8	109	0.00
50 S	Toluene-d8	50.000	43.862	12.3	94	0.00
51 T	4-Methyl-2-Pentanone	250.000	291.571	-16.6	111	0.00
52 CM	Toluene	50.000	55.252	-10.5#	103	0.00
53 T	t-1,3-Dichloropropene	50.000	54.358	-8.7	106	0.00
54 T	cis-1,3-Dichloropropene	50.000	54.281	-8.6	104	0.00
55 T	1,1,2-Trichloroethane	50.000	53.214	-6.4	106	0.00
56 T	Ethyl methacrylate	50.000	50.239	-0.5	106	0.00
57 T	1,3-Dichloropropane	50.000	53.167	-6.3	102	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	256.762	-2.7	104	0.00
59 T	2-Hexanone	250.000	308.764	-23.5	114	0.00
60 T	Dibromochloromethane	50.000	54.412	-8.8	109	0.00
61 T	1,2-Dibromoethane	50.000	54.272	-8.5	105	0.00
62 S	4-Bromofluorobenzene	50.000	49.051	1.9	94	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	93	0.00
64 T	Tetrachloroethene	50.000	58.112	-16.2	109	0.00
65 PM	Chlorobenzene	50.000	55.500	-11.0	104	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	53.844	-7.7	105	0.00
67 C	Ethyl Benzene	50.000	57.292	-14.6#	105	0.00
68 T	m/p-Xylenes	100.000	115.928	-15.9	105	0.00
69 T	o-Xylene	50.000	58.429	-16.9	106	0.00
70 T	Styrene	50.000	58.604	-17.2	106	0.00
71 P	Bromoform	50.000	56.440	-12.9	111	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	96	0.00
73 T	Isopropylbenzene	50.000	56.705	-13.4	103	0.00
74 T	N-amyl acetate	50.000	56.940	-13.9	110	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	53.877	-7.8	108	0.00
76 T	1,2,3-Trichloropropane	50.000	49.694	0.6	88	0.00
77 T	Bromobenzene	50.000	53.483	-7.0	104	0.00
78 T	n-propylbenzene	50.000	56.361	-12.7	102	0.00
79 T	2-Chlorotoluene	50.000	55.651	-11.3	103	0.00
80 T	1,3,5-Trimethylbenzene	50.000	56.541	-13.1	104	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	53.664	-7.3	104	0.00
82 T	4-Chlorotoluene	50.000	55.538	-11.1	104	0.00
83 T	tert-Butylbenzene	50.000	56.226	-12.5	101	0.00
84 T	1,2,4-Trimethylbenzene	50.000	57.011	-14.0	104	0.00
85 T	sec-Butylbenzene	50.000	55.976	-12.0	101	0.00
86 T	p-Isopropyltoluene	50.000	56.068	-12.1	102	0.00
87 T	1,3-Dichlorobenzene	50.000	54.207	-8.4	107	0.00
88 T	1,4-Dichlorobenzene	50.000	52.487	-5.0	103	0.00
89 T	n-Butylbenzene	50.000	56.117	-12.2	102	0.00
90 T	Hexachloroethane	50.000	51.536	-3.1	100	0.00
91 T	1,2-Dichlorobenzene	50.000	54.004	-8.0	107	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	54.144	-8.3	114	0.00
93 T	1,2,4-Trichlorobenzene	50.000	53.867	-7.7	101	0.00
94 T	Hexachlorobutadiene	50.000	56.188	-12.4	109	0.00
95 T	Naphthalene	50.000	57.577	-15.2	103	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	54.848	-9.7	102	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6