

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071124\
 Data File : VY018773.D
 Acq On : 11 Jul 2024 11:22
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 12 09:52:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 09 14:28:51 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	99	0.00
2 T	Dichlorodifluoromethane	50.000	54.677	-9.4	101	0.00
3 P	Chloromethane	50.000	49.378	1.2	96	0.00
4 C	Vinyl Chloride	50.000	54.353	-8.7#	103	0.00
5 T	Bromomethane	50.000	53.019	-6.0	111	0.00
6 T	Chloroethane	50.000	54.977	-10.0	110	0.00
7 T	Trichlorofluoromethane	50.000	53.584	-7.2	100	0.00
8 T	Diethyl Ether	50.000	53.598	-7.2	104	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	55.872	-11.7	104	0.00
10 T	Methyl Iodide	50.000	58.542	-17.1	104	0.00
11 T	Tert butyl alcohol	250.000	161.801	35.3#	86	0.00
12 CM	1,1-Dichloroethene	50.000	54.068	-8.1#	105	0.00
13 T	Acrolein	250.000	175.433	29.8#	76	0.00
14 T	Allyl chloride	50.000	54.511	-9.0	106	0.00
15 T	Acrylonitrile	250.000	259.097	-3.6	101	0.01
16 T	Acetone	250.000	254.847	-1.9	103	0.00
17 T	Carbon Disulfide	50.000	54.818	-9.6	103	0.00
18 T	Methyl Acetate	50.000	55.051	-10.1	118	0.00
19 T	Methyl tert-butyl Ether	50.000	52.863	-5.7	102	0.00
20 T	Methylene Chloride	50.000	60.534	-21.1	113	0.00
21 T	trans-1,2-Dichloroethene	50.000	54.907	-9.8	105	0.02
22 T	Diisopropyl ether	50.000	53.684	-7.4	107	0.00
23 T	Vinyl Acetate	250.000	262.971	-5.2	100	0.00
24 P	1,1-Dichloroethane	50.000	53.993	-8.0	107	0.00
25 T	2-Butanone	250.000	260.067	-4.0	103	0.00
26 T	2,2-Dichloropropane	50.000	51.612	-3.2	101	0.00
27 T	cis-1,2-Dichloroethene	50.000	54.930	-9.9	110	0.00
28 T	Bromochloromethane	50.000	46.880	6.2	93	0.00
29 T	Tetrahydrofuran	250.000	269.416	-7.8	103	0.00
30 C	Chloroform	50.000	54.524	-9.0#	108	0.00
31 T	Cyclohexane	50.000	52.813	-5.6	105	0.00
32 T	1,1,1-Trichloroethane	50.000	55.164	-10.3	105	0.00
33 S	1,2-Dichloroethane-d4	50.000	49.957	0.1	94	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	98	0.00
35 S	Dibromofluoromethane	50.000	54.504	-9.0	97	0.00
36 T	1,1-Dichloropropene	50.000	56.315	-12.6	104	0.00
37 T	Ethyl Acetate	50.000	50.532	-1.1	91	0.00
38 T	Carbon Tetrachloride	50.000	57.512	-15.0	104	0.00
39 T	Methylcyclohexane	50.000	59.675	-19.3	108	0.00
40 TM	Benzene	50.000	56.664	-13.3	108	0.00
41 T	Methacrylonitrile	50.000	77.196	-54.4#	157	0.00
42 TM	1,2-Dichloroethane	50.000	55.216	-10.4	105	0.00
43 T	Isopropyl Acetate	50.000	53.697	-7.4	100	0.00
44 TM	Trichloroethene	50.000	55.488	-11.0	106	0.00
45 C	1,2-Dichloropropane	50.000	56.214	-12.4#	107	0.00
46 T	Dibromomethane	50.000	55.759	-11.5	102	0.00
47 T	Bromodichloromethane	50.000	56.163	-12.3	105	0.00
48 T	Methyl methacrylate	50.000	53.681	-7.4	100	0.00

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 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1130.618	-13.1	104	0.00
50 S	Toluene-d8	50.000	53.658	-7.3	95	0.00
51 T	4-Methyl-2-Pentanone	250.000	278.777	-11.5	102	0.00
52 CM	Toluene	50.000	55.827	-11.7#	105	0.00
53 T	t-1,3-Dichloropropene	50.000	56.184	-12.4	105	0.00
54 T	cis-1,3-Dichloropropene	50.000	55.607	-11.2	103	0.00
55 T	1,1,2-Trichloroethane	50.000	55.768	-11.5	105	0.00
56 T	Ethyl methacrylate	50.000	54.972	-9.9	101	0.00
57 T	1,3-Dichloropropane	50.000	55.408	-10.8	104	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	260.189	-4.1	90	0.00
59 T	2-Hexanone	250.000	275.448	-10.2	99	0.00
60 T	Dibromochloromethane	50.000	56.812	-13.6	106	0.00
61 T	1,2-Dibromoethane	50.000	54.652	-9.3	100	0.00
62 S	4-Bromofluorobenzene	50.000	51.208	-2.4	93	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	99	0.00
64 T	Tetrachloroethene	50.000	58.052	-16.1	107	0.00
65 PM	Chlorobenzene	50.000	56.091	-12.2	106	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	56.732	-13.5	107	0.00
67 C	Ethyl Benzene	50.000	57.205	-14.4#	108	0.00
68 T	m/p-Xylenes	100.000	112.321	-12.3	105	0.00
69 T	o-Xylene	50.000	56.766	-13.5	106	0.00
70 T	Styrene	50.000	56.689	-13.4	106	0.00
71 P	Bromoform	50.000	55.933	-11.9	102	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	98	0.00
73 T	Isopropylbenzene	50.000	56.452	-12.9	103	0.00
74 T	N-amyl acetate	50.000	53.988	-8.0	94	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	54.611	-9.2	101	0.00
76 T	1,2,3-Trichloropropane	50.000	103.852	-107.7#	208	0.00
77 T	Bromobenzene	50.000	54.377	-8.8	102	0.00
78 T	n-propylbenzene	50.000	56.625	-13.3	104	0.00
79 T	2-Chlorotoluene	50.000	55.315	-10.6	104	0.00
80 T	1,3,5-Trimethylbenzene	50.000	56.026	-12.1	103	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	53.062	-6.1	93	0.00
82 T	4-Chlorotoluene	50.000	55.090	-10.2	103	0.00
83 T	tert-Butylbenzene	50.000	56.782	-13.6	106	0.00
84 T	1,2,4-Trimethylbenzene	50.000	55.524	-11.0	104	0.00
85 T	sec-Butylbenzene	50.000	56.758	-13.5	102	0.00
86 T	p-Isopropyltoluene	50.000	56.076	-12.2	103	0.00
87 T	1,3-Dichlorobenzene	50.000	55.073	-10.1	103	0.00
88 T	1,4-Dichlorobenzene	50.000	53.616	-7.2	101	0.00
89 T	n-Butylbenzene	50.000	55.078	-10.2	99	0.00
90 T	Hexachloroethane	50.000	56.415	-12.8	103	0.00
91 T	1,2-Dichlorobenzene	50.000	54.890	-9.8	103	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	50.438	-0.9	87	0.00
93 T	1,2,4-Trichlorobenzene	50.000	54.236	-8.5	97	0.00
94 T	Hexachlorobutadiene	50.000	52.278	-4.6	91	0.00
95 T	Naphthalene	50.000	54.371	-8.7	94	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	53.008	-6.0	94	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 6