

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY053024\
 Data File : VY018415.D
 Acq On : 30 May 2024 16:39
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: May 31 01:03:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052224S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 23 01:40:36 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	65	0.00
2 T	Dichlorodifluoromethane	50.000	41.412	17.2	53	0.00
3 P	Chloromethane	50.000	67.263	-34.5#	86	0.00
4 C	Vinyl Chloride	50.000	66.482	-33.0#	80	0.00
5 T	Bromomethane	50.000	62.460	-24.9	83	0.00
6 T	Chloroethane	50.000	68.017	-36.0#	85	0.00
7 T	Trichlorofluoromethane	50.000	58.038	-16.1	73	0.00
8 T	Diethyl Ether	50.000	62.262	-24.5	77	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	53.629	-7.3	68	0.00
10 T	Methyl Iodide	50.000	58.377	-16.8	68	0.00
11 T	Tert butyl alcohol	250.000	375.992	-50.4#	81	0.00
12 CM	1,1-Dichloroethene	50.000	54.569	-9.1#	67	0.00
13 T	Acrolein	250.000	223.769	10.5	55	0.00
14 T	Allyl chloride	50.000	66.730	-33.5#	81	0.00
15 T	Acrylonitrile	250.000	367.245	-46.9#	88	0.00
16 T	Acetone	250.000	329.356	-31.7#	79	0.00
17 T	Carbon Disulfide	50.000	60.197	-20.4	68	0.00
18 T	Methyl Acetate	50.000	72.571	-45.1#	90	0.00
19 T	Methyl tert-butyl Ether	50.000	68.761	-37.5#	83	0.00
20 T	Methylene Chloride	50.000	68.237	-36.5#	81	0.00
21 T	trans-1,2-Dichloroethene	50.000	61.524	-23.0	74	0.00
22 T	Diisopropyl ether	50.000	72.669	-45.3#	86	0.00
23 T	Vinyl Acetate	250.000	370.152	-48.1#	86	0.00
24 P	1,1-Dichloroethane	50.000	67.540	-35.1#	80	0.00
25 T	2-Butanone	250.000	371.545	-48.6#	89	0.00
26 T	2,2-Dichloropropane	50.000	58.656	-17.3	72	0.00
27 T	cis-1,2-Dichloroethene	50.000	64.426	-28.9#	77	0.00
28 T	Bromochloromethane	50.000	63.173	-26.3#	78	0.00
29 T	Tetrahydrofuran	250.000	374.411	-49.8#	88	0.00
30 C	Chloroform	50.000	66.980	-34.0#	81	0.00
31 T	Cyclohexane	50.000	63.612	-27.2#	71	0.00
32 T	1,1,1-Trichloroethane	50.000	62.321	-24.6	76	0.00
33 S	1,2-Dichloroethane-d4	50.000	62.273	-24.5	84	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	68	0.00
35 S	Dibromofluoromethane	50.000	52.748	-5.5	77	0.00
36 T	1,1-Dichloropropene	50.000	58.981	-18.0	76	0.00
37 T	Ethyl Acetate	50.000	65.656	-31.3#	81	0.00
38 T	Carbon Tetrachloride	50.000	55.848	-11.7	75	0.00
39 T	Methylcyclohexane	50.000	54.120	-8.2	70	0.00
40 TM	Benzene	50.000	60.647	-21.3	77	0.00
41 T	Methacrylonitrile	50.000	80.753	-61.5#	92	0.00
42 TM	1,2-Dichloroethane	50.000	65.103	-30.2#	86	0.00
43 T	Isopropyl Acetate	50.000	69.715	-39.4#	90	0.00
44 TM	Trichloroethene	50.000	56.078	-12.2	75	0.00
45 C	1,2-Dichloropropane	50.000	65.517	-31.0#	83	0.00
46 T	Dibromomethane	50.000	63.884	-27.8#	84	0.00
47 T	Bromodichloromethane	50.000	62.869	-25.7#	83	0.00
48 T	Methyl methacrylate	50.000	69.981	-40.0#	92	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1319.058	-31.9#	85	0.00
50 S	Toluene-d8	50.000	53.057	-6.1	78	0.00
51 T	4-Methyl-2-Pentanone	250.000	376.598	-50.6#	99	0.00
52 CM	Toluene	50.000	61.133	-22.3#	82	0.00
53 T	t-1,3-Dichloropropene	50.000	65.134	-30.3#	87	0.00
54 T	cis-1,3-Dichloropropene	50.000	63.200	-26.4#	80	0.00
55 T	1,1,2-Trichloroethane	50.000	63.983	-28.0#	85	0.00
56 T	Ethyl methacrylate	50.000	70.060	-40.1#	94	0.00
57 T	1,3-Dichloropropane	50.000	67.864	-35.7#	89	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	258.556	-3.4	63	0.00
59 T	2-Hexanone	250.000	375.837	-50.3#	102	0.00
60 T	Dibromochloromethane	50.000	62.752	-25.5#	82	0.00
61 T	1,2-Dibromoethane	50.000	65.399	-30.8#	88	0.00
62 S	4-Bromofluorobenzene	50.000	56.912	-13.8	87	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	72	0.00
64 T	Tetrachloroethene	50.000	52.676	-5.4	76	0.00
65 PM	Chlorobenzene	50.000	56.913	-13.8	82	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	58.044	-16.1	80	0.00
67 C	Ethyl Benzene	50.000	58.806	-17.6#	85	0.00
68 T	m/p-Xylenes	100.000	115.527	-15.5	82	0.00
69 T	o-Xylene	50.000	58.638	-17.3	83	0.00
70 T	Styrene	50.000	60.692	-21.4	84	0.00
71 P	Bromoform	50.000	60.238	-20.5	84	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	77	0.00
73 T	Isopropylbenzene	50.000	54.680	-9.4	84	0.00
74 T	N-ethyl acetate	50.000	63.229	-26.5#	99	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	61.251	-22.5	98	0.00
76 T	1,2,3-Trichloropropane	50.000	63.058	-26.1#	103	0.00
77 T	Bromobenzene	50.000	52.860	-5.7	79	0.00
78 T	n-propylbenzene	50.000	54.715	-9.4	86	0.00
79 T	2-Chlorotoluene	50.000	55.634	-11.3	88	0.00
80 T	1,3,5-Trimethylbenzene	50.000	55.023	-10.0	85	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	59.609	-19.2	96	0.00
82 T	4-Chlorotoluene	50.000	54.490	-9.0	87	0.00
83 T	tert-Butylbenzene	50.000	53.657	-7.3	83	0.00
84 T	1,2,4-Trimethylbenzene	50.000	54.453	-8.9	85	0.00
85 T	sec-Butylbenzene	50.000	53.117	-6.2	84	0.00
86 T	p-Isopropyltoluene	50.000	52.282	-4.6	82	0.00
87 T	1,3-Dichlorobenzene	50.000	54.715	-9.4	84	0.00
88 T	1,4-Dichlorobenzene	50.000	53.881	-7.8	84	0.00
89 T	n-Butylbenzene	50.000	52.399	-4.8	84	0.00
90 T	Hexachloroethane	50.000	55.136	-10.3	86	0.00
91 T	1,2-Dichlorobenzene	50.000	55.759	-11.5	86	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	60.996	-22.0	98	0.00
93 T	1,2,4-Trichlorobenzene	50.000	50.732	-1.5	82	0.00
94 T	Hexachlorobutadiene	50.000	46.977	6.0	74	0.00
95 T	Naphthalene	50.000	57.272	-14.5	90	0.00

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.256	-2.5	86	0.00

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