

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051225\
 Data File : VY022231.D
 Acq On : 12 May 2025 18:04
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: May 13 03:26:50 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:30:30 2025
 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	43	0.00
2 T	Dichlorodifluoromethane	50.000	59.535	-19.1	55	0.00
3 P	Chloromethane	50.000	77.780	-55.6#	67	0.00
4 C	Vinyl Chloride	50.000	78.450	-56.9#	69	0.00
5 T	Bromomethane	50.000	68.520	-37.0#	63	0.00
6 T	Chloroethane	50.000	78.382	-56.8#	69	0.00
7 T	Trichlorofluoromethane	50.000	71.299	-42.6#	63	0.00
8 T	Diethyl Ether	50.000	68.809	-37.6#	61	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	71.027	-42.1#	66	0.00
10 T	Methyl Iodide	50.000	62.874	-25.7#	53	0.00
11 T	Tert butyl alcohol	250.000	368.061	-47.2#	61	0.00
12 CM	1,1-Dichloroethene	50.000	66.842	-33.7#	61	0.00
13 T	Acrolein	250.000	80.377	67.8#	15	0.00
14 T	Allyl chloride	50.000	72.746	-45.5#	65	0.00
15 T	Acrylonitrile	250.000	394.848	-57.9#	68	0.00
16 T	Acetone	250.000	425.496	-70.2#	68	0.00
17 T	Carbon Disulfide	50.000	64.635	-29.3#	59	0.00
18 T	Methyl Acetate	50.000	102.395	-104.8#	85	0.00
19 T	Methyl tert-butyl Ether	50.000	74.435	-48.9#	63	0.00
20 T	Methylene Chloride	50.000	70.341	-40.7#	66	0.00
21 T	trans-1,2-Dichloroethene	50.000	70.986	-42.0#	64	0.00
22 T	Diisopropyl ether	50.000	80.930	-61.9#	69	0.00
23 T	Vinyl Acetate	250.000	388.823	-55.5#	65	0.00
24 P	1,1-Dichloroethane	50.000	75.565	-51.1#	68	0.00
25 T	2-Butanone	250.000	403.887	-61.6#	69	0.00
26 T	2,2-Dichloropropane	50.000	72.742	-45.5#	66	0.00
27 T	cis-1,2-Dichloroethene	50.000	73.578	-47.2#	64	0.00
28 T	Bromochloromethane	50.000	84.234	-68.5#	73	0.00
29 T	Tetrahydrofuran	250.000	416.511	-66.6#	67	0.00
30 C	Chloroform	50.000	77.535	-55.1#	69	0.00
31 T	Cyclohexane	50.000	69.391	-38.8#	64	0.00
32 T	1,1,1-Trichloroethane	50.000	74.579	-49.2#	67	0.00
33 S	1,2-Dichloroethane-d4	50.000	77.802	-55.6#	66	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	41	0.00
35 S	Dibromofluoromethane	50.000	80.508	-61.0#	65	0.00
36 T	1,1-Dichloropropene	50.000	78.145	-56.3#	66	0.00
37 T	Ethyl Acetate	50.000	83.774	-67.5#	67	0.00
38 T	Carbon Tetrachloride	50.000	78.344	-56.7#	66	0.00
39 T	Methylcyclohexane	50.000	75.413	-50.8#	62	0.00
40 TM	Benzene	50.000	80.619	-61.2#	68	0.00
41 T	Methacrylonitrile	50.000	81.534	-63.1#	63	-0.01
42 TM	1,2-Dichloroethane	50.000	82.792	-65.6#	69	0.00
43 T	Isopropyl Acetate	50.000	85.503	-71.0#	68	0.00
44 TM	Trichloroethene	50.000	74.679	-49.4#	63	0.00
45 C	1,2-Dichloropropane	50.000	84.419	-68.8#	70	0.00
46 T	Dibromomethane	50.000	83.721	-67.4#	70	0.00
47 T	Bromodichloromethane	50.000	82.482	-65.0#	68	0.00
48 T	Methyl methacrylate	50.000	85.303	-70.6#	65	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1643.193	-64.3#	67	0.00
50 S	Toluene-d8	50.000	81.618	-63.2#	65	0.00
51 T	4-Methyl-2-Pentanone	250.000	470.975	-88.4#	71	0.00
52 CM	Toluene	50.000	83.372	-66.7#	68	0.00
53 T	t-1,3-Dichloropropene	50.000	83.600	-67.2#	67	0.00
54 T	cis-1,3-Dichloropropene	50.000	82.578	-65.2#	68	0.00
55 T	1,1,2-Trichloroethane	50.000	84.397	-68.8#	68	0.00
56 T	Ethyl methacrylate	50.000	85.412	-70.8#	64	0.00
57 T	1,3-Dichloropropane	50.000	86.585	-73.2#	71	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	481.171	-92.5#	70	0.00
59 T	2-Hexanone	250.000	476.880	-90.8#	71	0.00
60 T	Dibromochloromethane	50.000	84.609	-69.2#	69	0.00
61 T	1,2-Dibromoethane	50.000	85.437	-70.9#	69	0.00
62 S	4-Bromofluorobenzene	50.000	81.631	-63.3#	65	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	43	0.00
64 T	Tetrachloroethene	50.000	70.013	-40.0#	63	0.00
65 PM	Chlorobenzene	50.000	75.439	-50.9#	67	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	78.884	-57.8#	69	0.00
67 C	Ethyl Benzene	50.000	78.318	-56.6#	67	0.00
68 T	m/p-Xylenes	100.000	158.337	-58.3#	68	0.00
69 T	o-Xylene	50.000	78.183	-56.4#	66	0.00
70 T	Styrene	50.000	81.948	-63.9#	68	0.00
71 P	Bromoform	50.000	80.387	-60.8#	69	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	46	0.00
73 T	Isopropylbenzene	50.000	73.281	-46.6#	68	0.00
74 T	N-amyl acetate	50.000	76.864	-53.7#	69	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	78.905	-57.8#	75	0.00
76 T	1,2,3-Trichloropropane	50.000	70.924	-41.8#	69	0.00
77 T	Bromobenzene	50.000	72.272	-44.5#	68	0.00
78 T	n-propylbenzene	50.000	75.388	-50.8#	69	0.00
79 T	2-Chlorotoluene	50.000	74.741	-49.5#	70	0.00
80 T	1,3,5-Trimethylbenzene	50.000	75.545	-51.1#	68	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	73.500	-47.0#	68	0.00
82 T	4-Chlorotoluene	50.000	75.001	-50.0#	70	0.00
83 T	tert-Butylbenzene	50.000	75.784	-51.6#	69	0.00
84 T	1,2,4-Trimethylbenzene	50.000	77.257	-54.5#	70	0.00
85 T	sec-Butylbenzene	50.000	75.790	-51.6#	70	0.00
86 T	p-Isopropyltoluene	50.000	75.652	-51.3#	69	0.00
87 T	1,3-Dichlorobenzene	50.000	72.459	-44.9#	69	0.00
88 T	1,4-Dichlorobenzene	50.000	71.683	-43.4#	69	0.00
89 T	n-Butylbenzene	50.000	75.561	-51.1#	70	0.00
90 T	Hexachloroethane	50.000	75.334	-50.7#	73	0.00
91 T	1,2-Dichlorobenzene	50.000	74.599	-49.2#	71	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	77.539	-55.1#	76	0.00
93 T	1,2,4-Trichlorobenzene	50.000	71.490	-43.0#	68	0.00
94 T	Hexachlorobutadiene	50.000	70.961	-41.9#	71	0.00
95 T	Naphthalene	50.000	73.597	-47.2#	66	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	72.809	-45.6#	69	0.00

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