

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051525\
 Data File : VY022275.D
 Acq On : 15 May 2025 19:52
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: May 16 02:00:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:42:09 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	75	0.00
2 T	Dichlorodifluoromethane	50.000	45.582	8.8	70	0.00
3 P	Chloromethane	50.000	45.571	8.9	72	0.00
4 C	Vinyl Chloride	50.000	52.613	-5.2#	80	0.00
5 T	Bromomethane	50.000	49.312	1.4	84	0.00
6 T	Chloroethane	50.000	57.798	-15.6	87	0.00
7 T	Trichlorofluoromethane	50.000	50.476	-1.0	77	0.00
8 T	Diethyl Ether	50.000	50.717	-1.4	77	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.320	3.4	72	0.00
10 T	Methyl Iodide	50.000	52.738	-5.5	72	0.00
11 T	Tert butyl alcohol	250.000	243.003	2.8	79	0.00
12 CM	1,1-Dichloroethene	50.000	49.308	1.4#	73	0.00
13 T	Acrolein	250.000	197.507	21.0	64	0.00
14 T	Allyl chloride	50.000	48.423	3.2	71	0.00
15 T	Acrylonitrile	250.000	256.397	-2.6	79	0.00
16 T	Acetone	250.000	226.053	9.6	75	0.00
17 T	Carbon Disulfide	50.000	50.021	-0.0	74	0.00
18 T	Methyl Acetate	50.000	65.768	-31.5#	105	0.00
19 T	Methyl tert-butyl Ether	50.000	51.461	-2.9	78	0.00
20 T	Methylene Chloride	50.000	48.271	3.5	80	0.00
21 T	trans-1,2-Dichloroethene	50.000	51.151	-2.3	76	0.00
22 T	Diisopropyl ether	50.000	50.504	-1.0	75	0.00
23 T	Vinyl Acetate	250.000	226.852	9.3	69	0.00
24 P	1,1-Dichloroethane	50.000	51.243	-2.5	76	0.00
25 T	2-Butanone	250.000	238.789	4.5	76	0.00
26 T	2,2-Dichloropropane	50.000	45.640	8.7	68	0.00
27 T	cis-1,2-Dichloroethene	50.000	51.993	-4.0	77	0.00
28 T	Bromochloromethane	50.000	53.763	-7.5	80	0.00
29 T	Tetrahydrofuran	250.000	252.225	-0.9	78	0.00
30 C	Chloroform	50.000	52.812	-5.6#	78	0.00
31 T	Cyclohexane	50.000	45.201	9.6	71	0.00
32 T	1,1,1-Trichloroethane	50.000	49.923	0.2	75	0.00
33 S	1,2-Dichloroethane-d4	50.000	53.878	-7.8	81	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	80	0.00
35 S	Dibromofluoromethane	50.000	52.681	-5.4	83	0.00
36 T	1,1-Dichloropropene	50.000	46.428	7.1	72	0.00
37 T	Ethyl Acetate	50.000	45.459	9.1	73	0.00
38 T	Carbon Tetrachloride	50.000	46.629	6.7	73	0.00
39 T	Methylcyclohexane	50.000	45.585	8.8	72	0.00
40 TM	Benzene	50.000	49.319	1.4	76	0.00
41 T	Methacrylonitrile	50.000	43.280	13.4	68	0.00
42 TM	1,2-Dichloroethane	50.000	48.660	2.7	76	0.00
43 T	Isopropyl Acetate	50.000	45.928	8.1	74	0.00
44 TM	Trichloroethene	50.000	48.649	2.7	76	0.00
45 C	1,2-Dichloropropane	50.000	48.787	2.4#	77	0.00
46 T	Dibromomethane	50.000	48.413	3.2	77	0.00
47 T	Bromodichloromethane	50.000	49.963	0.1	77	0.00
48 T	Methyl methacrylate	50.000	47.699	4.6	76	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	968.930	3.1	81	0.00
50 S	Toluene-d8	50.000	51.640	-3.3	82	0.00
51 T	4-Methyl-2-Pentanone	250.000	235.486	5.8	75	0.00
52 CM	Toluene	50.000	48.800	2.4#	76	0.00
53 T	t-1,3-Dichloropropene	50.000	47.262	5.5	74	0.00
54 T	cis-1,3-Dichloropropene	50.000	47.851	4.3	75	0.00
55 T	1,1,2-Trichloroethane	50.000	48.937	2.1	78	0.00
56 T	Ethyl methacrylate	50.000	47.866	4.3	76	0.00
57 T	1,3-Dichloropropane	50.000	48.881	2.2	77	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	267.180	-6.9	79	0.00
59 T	2-Hexanone	250.000	229.855	8.1	75	0.00
60 T	Dibromochloromethane	50.000	48.824	2.4	76	0.00
61 T	1,2-Dibromoethane	50.000	48.332	3.3	77	0.00
62 S	4-Bromofluorobenzene	50.000	49.259	1.5	79	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	81	0.00
64 T	Tetrachloroethene	50.000	47.833	4.3	75	0.00
65 PM	Chlorobenzene	50.000	48.128	3.7	76	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	47.800	4.4	76	0.00
67 C	Ethyl Benzene	50.000	47.588	4.8#	75	0.00
68 T	m/p-Xylenes	100.000	95.289	4.7	75	0.00
69 T	o-Xylene	50.000	48.022	4.0	76	0.00
70 T	Styrene	50.000	48.433	3.1	76	0.00
71 P	Bromoform	50.000	47.123	5.8	76	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	79	0.00
73 T	Isopropylbenzene	50.000	47.714	4.6	75	0.00
74 T	N-amyl acetate	50.000	43.719	12.6	71	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	47.972	4.1	77	0.00
76 T	1,2,3-Trichloropropane	50.000	47.009	6.0	76	0.00
77 T	Bromobenzene	50.000	48.481	3.0	76	0.00
78 T	n-propylbenzene	50.000	47.543	4.9	74	0.00
79 T	2-Chlorotoluene	50.000	47.755	4.5	74	0.00
80 T	1,3,5-Trimethylbenzene	50.000	47.548	4.9	74	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	42.006	16.0	71	0.00
82 T	4-Chlorotoluene	50.000	47.537	4.9	73	0.00
83 T	tert-Butylbenzene	50.000	47.735	4.5	74	0.00
84 T	1,2,4-Trimethylbenzene	50.000	47.773	4.5	74	0.00
85 T	sec-Butylbenzene	50.000	47.404	5.2	73	0.00
86 T	p-Isopropyltoluene	50.000	47.362	5.3	73	0.00
87 T	1,3-Dichlorobenzene	50.000	47.502	5.0	74	0.00
88 T	1,4-Dichlorobenzene	50.000	47.980	4.0	76	0.00
89 T	n-Butylbenzene	50.000	47.071	5.9	72	0.00
90 T	Hexachloroethane	50.000	47.405	5.2	74	0.00
91 T	1,2-Dichlorobenzene	50.000	48.631	2.7	76	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	46.464	7.1	76	0.00
93 T	1,2,4-Trichlorobenzene	50.000	46.231	7.5	72	0.00
94 T	Hexachlorobutadiene	50.000	44.930	10.1	70	0.00
95 T	Naphthalene	50.000	46.015	8.0	74	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	46.274	7.5	73	0.00

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