

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052825\
 Data File : VY022451.D
 Acq On : 28 May 2025 15:49
 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 29 01:58:52 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052725S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 28 10:34:06 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	83	0.00
2 T	Dichlorodifluoromethane	50.000	45.093	9.8	84	0.00
3 P	Chloromethane	50.000	45.201	9.6	74	0.00
4 C	Vinyl Chloride	50.000	51.068	-2.1#	83	0.00
5 T	Bromomethane	50.000	46.402	7.2	78	0.00
6 T	Chloroethane	50.000	55.132	-10.3	84	0.00
7 T	Trichlorofluoromethane	50.000	50.737	-1.5	85	0.00
8 T	Diethyl Ether	50.000	51.293	-2.6	85	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.004	2.0	82	0.00
10 T	Methyl Iodide	50.000	55.440	-10.9	85	0.00
11 T	Tert butyl alcohol	250.000	253.728	-1.5	88	-0.01
12 CM	1,1-Dichloroethene	50.000	49.771	0.5#	85	0.00
13 T	Acrolein	250.000	225.678	9.7	74	0.00
14 T	Allyl chloride	50.000	52.438	-4.9	87	0.00
15 T	Acrylonitrile	250.000	261.715	-4.7	87	0.00
16 T	Acetone	250.000	258.170	-3.3	88	0.00
17 T	Carbon Disulfide	50.000	49.172	1.7	83	0.00
18 T	Methyl Acetate	50.000	60.880	-21.8	106	0.00
19 T	Methyl tert-butyl Ether	50.000	52.596	-5.2	88	0.00
20 T	Methylene Chloride	50.000	48.131	3.7	89	0.00
21 T	trans-1,2-Dichloroethene	50.000	50.521	-1.0	86	0.01
22 T	Diisopropyl ether	50.000	51.880	-3.8	87	0.00
23 T	Vinyl Acetate	250.000	250.409	-0.2	83	0.00
24 P	1,1-Dichloroethane	50.000	52.911	-5.8	88	0.00
25 T	2-Butanone	250.000	259.451	-3.8	88	0.00
26 T	2,2-Dichloropropane	50.000	50.514	-1.0	85	0.00
27 T	cis-1,2-Dichloroethene	50.000	52.156	-4.3	88	0.00
28 T	Bromochloromethane	50.000	53.737	-7.5	87	0.00
29 T	Tetrahydrofuran	250.000	258.139	-3.3	87	0.00
30 C	Chloroform	50.000	53.654	-7.3#	88	0.00
31 T	Cyclohexane	50.000	47.597	4.8	85	0.00
32 T	1,1,1-Trichloroethane	50.000	52.005	-4.0	87	0.00
33 S	1,2-Dichloroethane-d4	50.000	52.647	-5.3	87	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	87	0.00
35 S	Dibromofluoromethane	50.000	49.892	0.2	88	0.00
36 T	1,1-Dichloropropene	50.000	48.802	2.4	86	0.00
37 T	Ethyl Acetate	50.000	48.010	4.0	83	0.00
38 T	Carbon Tetrachloride	50.000	48.362	3.3	85	0.00
39 T	Methylcyclohexane	50.000	46.629	6.7	82	0.00
40 TM	Benzene	50.000	50.395	-0.8	87	0.00
41 T	Methacrylonitrile	50.000	51.075	-2.2	91	-0.02
42 TM	1,2-Dichloroethane	50.000	51.069	-2.1	88	0.00
43 T	Isopropyl Acetate	50.000	48.207	3.6	83	0.00
44 TM	Trichloroethene	50.000	48.890	2.2	85	0.00
45 C	1,2-Dichloropropane	50.000	50.651	-1.3#	89	0.00
46 T	Dibromomethane	50.000	50.012	-0.0	87	0.00
47 T	Bromodichloromethane	50.000	50.228	-0.5	88	0.00
48 T	Methyl methacrylate	50.000	52.917	-5.8	92	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1008.958	-0.9	89	0.00
50 S	Toluene-d8	50.000	49.338	1.3	87	0.00
51 T	4-Methyl-2-Pentanone	250.000	256.674	-2.7	87	0.00
52 CM	Toluene	50.000	50.322	-0.6#	87	0.00
53 T	t-1,3-Dichloropropene	50.000	50.516	-1.0	88	0.00
54 T	cis-1,3-Dichloropropene	50.000	50.000	0.0	88	0.00
55 T	1,1,2-Trichloroethane	50.000	49.883	0.2	87	0.00
56 T	Ethyl methacrylate	50.000	49.346	1.3	83	0.00
57 T	1,3-Dichloropropane	50.000	50.913	-1.8	88	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	256.170	-2.5	87	0.00
59 T	2-Hexanone	250.000	259.108	-3.6	87	0.00
60 T	Dibromochloromethane	50.000	51.401	-2.8	87	0.00
61 T	1,2-Dibromoethane	50.000	51.644	-3.3	88	0.00
62 S	4-Bromofluorobenzene	50.000	48.851	2.3	86	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	87	0.00
64 T	Tetrachloroethene	50.000	48.228	3.5	84	0.00
65 PM	Chlorobenzene	50.000	50.091	-0.2	87	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.317	-0.6	86	0.00
67 C	Ethyl Benzene	50.000	49.162	1.7#	86	0.00
68 T	m/p-Xylenes	100.000	99.078	0.9	86	0.00
69 T	o-Xylene	50.000	49.828	0.3	87	0.00
70 T	Styrene	50.000	50.865	-1.7	87	0.00
71 P	Bromoform	50.000	49.268	1.5	85	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	88	0.00
73 T	Isopropylbenzene	50.000	48.134	3.7	86	0.00
74 T	N-amyl acetate	50.000	47.811	4.4	81	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	50.123	-0.2	89	0.00
76 T	1,2,3-Trichloropropane	50.000	48.388	3.2	87	0.00
77 T	Bromobenzene	50.000	48.220	3.6	85	0.00
78 T	n-propylbenzene	50.000	48.605	2.8	86	0.00
79 T	2-Chlorotoluene	50.000	48.674	2.7	87	0.00
80 T	1,3,5-Trimethylbenzene	50.000	48.838	2.3	86	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	47.356	5.3	86	0.00
82 T	4-Chlorotoluene	50.000	48.590	2.8	86	0.00
83 T	tert-Butylbenzene	50.000	48.238	3.5	86	0.00
84 T	1,2,4-Trimethylbenzene	50.000	49.288	1.4	86	0.00
85 T	sec-Butylbenzene	50.000	48.929	2.1	86	0.00
86 T	p-Isopropyltoluene	50.000	48.618	2.8	85	0.00
87 T	1,3-Dichlorobenzene	50.000	48.437	3.1	86	0.00
88 T	1,4-Dichlorobenzene	50.000	48.687	2.6	85	0.00
89 T	n-Butylbenzene	50.000	48.810	2.4	83	0.00
90 T	Hexachloroethane	50.000	48.015	4.0	84	0.00
91 T	1,2-Dichlorobenzene	50.000	48.299	3.4	86	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	48.811	2.4	88	0.00
93 T	1,2,4-Trichlorobenzene	50.000	49.370	1.3	83	0.00
94 T	Hexachlorobutadiene	50.000	48.401	3.2	83	0.00
95 T	Naphthalene	50.000	51.110	-2.2	85	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.575	-1.2	84	0.00

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