

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011425\
 Data File : VY020810.D
 Acq On : 14 Jan 2025 08:49
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 15 03:23:16 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 01:31:46 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	132	0.01
2 T	Dichlorodifluoromethane	50.000	43.304	13.4	116	0.00
3 P	Chloromethane	50.000	47.789	4.4	129	0.00
4 C	Vinyl Chloride	50.000	53.621	-7.2#	139	0.00
5 T	Bromomethane	50.000	44.382	11.2	122	0.00
6 T	Chloroethane	50.000	52.908	-5.8	138	0.00
7 T	Trichlorofluoromethane	50.000	47.523	5.0	126	0.01
8 T	Diethyl Ether	50.000	47.767	4.5	122	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	47.473	5.1	126	0.01
10 T	Methyl Iodide	50.000	49.899	0.2	124	0.01
11 T	Tert butyl alcohol	250.000	214.003	14.4	114	0.03
12 CM	1,1-Dichloroethene	50.000	48.320	3.4#	124	0.01
13 T	Acrolein	250.000	99.284	60.3#	91	0.00
14 T	Allyl chloride	50.000	50.079	-0.2	131	0.01
15 T	Acrylonitrile	250.000	245.335	1.9	120	0.01
16 T	Acetone	250.000	237.669	4.9	118	0.02
17 T	Carbon Disulfide	50.000	50.229	-0.5	123	0.00
18 T	Methyl Acetate	50.000	52.136	-4.3	125	0.01
19 T	Methyl tert-butyl Ether	50.000	47.043	5.9	120	0.00
20 T	Methylene Chloride	50.000	47.127	5.7	125	0.00
21 T	trans-1,2-Dichloroethene	50.000	47.080	5.8	122	0.01
22 T	Diisopropyl ether	50.000	51.120	-2.2	134	0.00
23 T	Vinyl Acetate	250.000	254.296	-1.7	127	0.01
24 P	1,1-Dichloroethane	50.000	47.808	4.4	127	0.01
25 T	2-Butanone	250.000	245.826	1.7	119	0.01
26 T	2,2-Dichloropropane	50.000	45.611	8.8	122	0.01
27 T	cis-1,2-Dichloroethene	50.000	46.675	6.7	123	0.01
28 T	Bromochloromethane	50.000	57.911	-15.8	129	0.00
29 T	Tetrahydrofuran	250.000	255.376	-2.2	124	0.01
30 C	Chloroform	50.000	45.272	9.5#	121	0.01
31 T	Cyclohexane	50.000	47.576	4.8	129	0.01
32 T	1,1,1-Trichloroethane	50.000	44.597	10.8	119	0.01
33 S	1,2-Dichloroethane-d4	50.000	52.874	-5.7	123	0.01
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	131	0.00
35 S	Dibromofluoromethane	50.000	53.378	-6.8	129	0.01
36 T	1,1-Dichloropropene	50.000	49.021	2.0	124	0.01
37 T	Ethyl Acetate	50.000	51.267	-2.5	125	0.02
38 T	Carbon Tetrachloride	50.000	45.498	9.0	118	0.01
39 T	Methylcyclohexane	50.000	50.304	-0.6	127	0.00
40 TM	Benzene	50.000	48.376	3.2	124	0.01
41 T	Methacrylonitrile	50.000	46.434	7.1	107	0.01
42 TM	1,2-Dichloroethane	50.000	45.859	8.3	115	0.00
43 T	Isopropyl Acetate	50.000	51.190	-2.4	124	0.01
44 TM	Trichloroethene	50.000	47.127	5.7	122	0.00
45 C	1,2-Dichloropropane	50.000	49.579	0.8#	128	0.00
46 T	Dibromomethane	50.000	48.291	3.4	121	0.00
47 T	Bromodichloromethane	50.000	46.607	6.8	119	0.01
48 T	Methyl methacrylate	50.000	50.492	-1.0	118	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	985.114	1.5	113	0.01
50 S	Toluene-d8	50.000	58.245	-16.5	130	0.01
51 T	4-Methyl-2-Pentanone	250.000	260.309	-4.1	122	0.01
52 CM	Toluene	50.000	47.814	4.4#	122	0.00
53 T	t-1,3-Dichloropropene	50.000	48.482	3.0	119	0.00
54 T	cis-1,3-Dichloropropene	50.000	48.623	2.8	123	0.00
55 T	1,1,2-Trichloroethane	50.000	48.306	3.4	125	0.00
56 T	Ethyl methacrylate	50.000	51.433	-2.9	124	0.00
57 T	1,3-Dichloropropane	50.000	49.107	1.8	123	0.01
58 T	2-Chloroethyl Vinyl ether	250.000	246.275	1.5	114	0.01
59 T	2-Hexanone	250.000	264.690	-5.9	122	0.01
60 T	Dibromochloromethane	50.000	46.221	7.6	117	0.01
61 T	1,2-Dibromoethane	50.000	47.343	5.3	119	0.01
62 S	4-Bromofluorobenzene	50.000	53.218	-6.4	130	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	131	0.00
64 T	Tetrachloroethene	50.000	47.779	4.4	123	0.00
65 PM	Chlorobenzene	50.000	46.872	6.3	122	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	46.091	7.8	120	0.01
67 C	Ethyl Benzene	50.000	47.866	4.3#	122	0.00
68 T	m/p-Xylenes	100.000	93.227	6.8	120	0.00
69 T	o-Xylene	50.000	47.332	5.3	122	0.01
70 T	Styrene	50.000	47.630	4.7	121	0.00
71 P	Bromoform	50.000	46.911	6.2	117	0.01
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	131	0.00
73 T	Isopropylbenzene	50.000	46.895	6.2	121	0.01
74 T	N-amyl acetate	50.000	54.067	-8.1	128	0.01
75 P	1,1,2,2-Tetrachloroethane	50.000	48.910	2.2	120	0.00
76 T	1,2,3-Trichloropropane	50.000	47.859	4.3	127	0.00
77 T	Bromobenzene	50.000	46.251	7.5	120	0.00
78 T	n-propylbenzene	50.000	48.022	4.0	124	0.01
79 T	2-Chlorotoluene	50.000	47.156	5.7	122	0.01
80 T	1,3,5-Trimethylbenzene	50.000	46.847	6.3	121	0.01
81 T	trans-1,4-Dichloro-2-butene	50.000	50.504	-1.0	119	0.00
82 T	4-Chlorotoluene	50.000	47.040	5.9	122	0.00
83 T	tert-Butylbenzene	50.000	47.607	4.8	125	0.01
84 T	1,2,4-Trimethylbenzene	50.000	47.151	5.7	120	0.00
85 T	sec-Butylbenzene	50.000	47.840	4.3	122	0.00
86 T	p-Isopropyltoluene	50.000	47.194	5.6	121	0.00
87 T	1,3-Dichlorobenzene	50.000	46.393	7.2	121	0.00
88 T	1,4-Dichlorobenzene	50.000	46.335	7.3	121	0.00
89 T	n-Butylbenzene	50.000	48.825	2.3	124	0.00
90 T	Hexachloroethane	50.000	46.609	6.8	123	0.00
91 T	1,2-Dichlorobenzene	50.000	46.178	7.6	120	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	45.715	8.6	117	0.00
93 T	1,2,4-Trichlorobenzene	50.000	50.315	-0.6	126	0.00
94 T	Hexachlorobutadiene	50.000	48.496	3.0	128	0.00
95 T	Naphthalene	50.000	51.333	-2.7	126	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	49.743	0.5	128	0.00

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