

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011425\
 Data File : VY020825.D
 Acq On : 14 Jan 2025 16:28
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 15 03:31:27 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	111	0.00
2 T	Dichlorodifluoromethane	50.000	38.993	22.0	88	0.00
3 P	Chloromethane	50.000	51.622	-3.2	116	0.00
4 C	Vinyl Chloride	50.000	50.426	-0.9#	110	0.00
5 T	Bromomethane	50.000	49.655	0.7	114	0.00
6 T	Chloroethane	50.000	54.419	-8.8	119	0.00
7 T	Trichlorofluoromethane	50.000	42.370	15.3	94	0.00
8 T	Diethyl Ether	50.000	50.058	-0.1	107	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	44.385	11.2	98	0.00
10 T	Methyl Iodide	50.000	48.510	3.0	101	0.00
11 T	Tert butyl alcohol	250.000	210.801	15.7	94	0.00
12 CM	1,1-Dichloroethene	50.000	45.784	8.4#	98	0.00
13 T	Acrolein	250.000	73.334	70.7#	56	0.00
14 T	Allyl chloride	50.000	50.980	-2.0	112	0.00
15 T	Acrylonitrile	250.000	252.137	-0.9	103	0.00
16 T	Acetone	250.000	241.067	3.6	100	0.00
17 T	Carbon Disulfide	50.000	48.511	3.0	100	0.00
18 T	Methyl Acetate	50.000	56.268	-12.5	112	0.00
19 T	Methyl tert-butyl Ether	50.000	47.311	5.4	101	0.00
20 T	Methylene Chloride	50.000	49.891	0.2	110	0.00
21 T	trans-1,2-Dichloroethene	50.000	46.998	6.0	102	0.00
22 T	Diisopropyl ether	50.000	53.485	-7.0	117	0.00
23 T	Vinyl Acetate	250.000	258.275	-3.3	108	0.00
24 P	1,1-Dichloroethane	50.000	49.438	1.1	110	0.00
25 T	2-Butanone	250.000	249.336	0.3	101	0.00
26 T	2,2-Dichloropropane	50.000	42.156	15.7	94	0.00
27 T	cis-1,2-Dichloroethene	50.000	48.282	3.4	106	0.00
28 T	Bromochloromethane	50.000	60.801	-21.6	113	0.00
29 T	Tetrahydrofuran	250.000	259.184	-3.7	105	0.00
30 C	Chloroform	50.000	46.877	6.2#	105	0.00
31 T	Cyclohexane	50.000	44.960	10.1	102	0.00
32 T	1,1,1-Trichloroethane	50.000	44.293	11.4	99	0.00
33 S	1,2-Dichloroethane-d4	50.000	53.202	-6.4	104	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	117	0.00
35 S	Dibromofluoromethane	50.000	50.939	-1.9	110	0.00
36 T	1,1-Dichloropropene	50.000	44.140	11.7	100	0.00
37 T	Ethyl Acetate	50.000	48.436	3.1	106	0.00
38 T	Carbon Tetrachloride	50.000	40.884	18.2	95	0.00
39 T	Methylcyclohexane	50.000	43.273	13.5	97	0.00
40 TM	Benzene	50.000	46.607	6.8	107	0.00
41 T	Methacrylonitrile	50.000	43.728	12.5	90	0.00
42 TM	1,2-Dichloroethane	50.000	45.092	9.8	101	0.00
43 T	Isopropyl Acetate	50.000	47.718	4.6	104	0.00
44 TM	Trichloroethene	50.000	44.228	11.5	103	0.00
45 C	1,2-Dichloropropane	50.000	49.673	0.7#	115	0.00
46 T	Dibromomethane	50.000	46.521	7.0	105	0.00
47 T	Bromodichloromethane	50.000	45.550	8.9	104	0.00
48 T	Methyl methacrylate	50.000	48.670	2.7	102	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)

49 T	1,4-Dioxane	1000.000	1002.755	-0.3	102	0.00
50 S	Toluene-d8	50.000	54.708	-9.4	109	0.00
51 T	4-Methyl-2-Pentanone	250.000	249.156	0.3	105	0.00
52 CM	Toluene	50.000	46.425	7.2#	106	0.00
53 T	t-1,3-Dichloropropene	50.000	46.982	6.0	103	0.00
54 T	cis-1,3-Dichloropropene	50.000	46.710	6.6	106	0.00
55 T	1,1,2-Trichloroethane	50.000	46.159	7.7	107	0.00
56 T	Ethyl methacrylate	50.000	48.975	2.0	105	0.00
57 T	1,3-Dichloropropane	50.000	47.818	4.4	107	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	268.233	-7.3	111	0.00
59 T	2-Hexanone	250.000	250.056	-0.0	103	0.00
60 T	Dibromochloromethane	50.000	45.807	8.4	104	0.00
61 T	1,2-Dibromoethane	50.000	48.098	3.8	108	0.00
62 S	4-Bromofluorobenzene	50.000	51.394	-2.8	112	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	121	0.00
64 T	Tetrachloroethene	50.000	42.088	15.8	100	0.00
65 PM	Chlorobenzene	50.000	44.420	11.2	107	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	42.956	14.1	104	0.00
67 C	Ethyl Benzene	50.000	44.211	11.6#	105	0.00
68 T	m/p-Xylenes	100.000	87.478	12.5	104	0.00
69 T	o-Xylene	50.000	44.179	11.6	106	0.00
70 T	Styrene	50.000	45.150	9.7	106	0.00
71 P	Bromoform	50.000	43.776	12.4	101	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	126	0.00
73 T	Isopropylbenzene	50.000	41.298	17.4	103	0.00
74 T	N-amyl acetate	50.000	47.614	4.8	109	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	43.757	12.5	104	0.00
76 T	1,2,3-Trichloropropane	50.000	42.852	14.3	110	0.00
77 T	Bromobenzene	50.000	43.130	13.7	108	0.00
78 T	n-propylbenzene	50.000	42.072	15.9	105	0.00
79 T	2-Chlorotoluene	50.000	42.740	14.5	107	0.00
80 T	1,3,5-Trimethylbenzene	50.000	41.325	17.3	103	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	42.914	14.2	98	0.00
82 T	4-Chlorotoluene	50.000	42.550	14.9	107	0.00
83 T	tert-Butylbenzene	50.000	41.990	16.0	106	0.00
84 T	1,2,4-Trimethylbenzene	50.000	42.487	15.0	104	0.00
85 T	sec-Butylbenzene	50.000	41.742	16.5	103	0.00
86 T	p-Isopropyltoluene	50.000	41.357	17.3	103	0.00
87 T	1,3-Dichlorobenzene	50.000	42.522	15.0	107	0.00
88 T	1,4-Dichlorobenzene	50.000	42.483	15.0	107	0.00
89 T	n-Butylbenzene	50.000	42.233	15.5	104	0.00
90 T	Hexachloroethane	50.000	41.024	18.0	105	0.00
91 T	1,2-Dichlorobenzene	50.000	42.653	14.7	107	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	42.717	14.6	106	0.00
93 T	1,2,4-Trichlorobenzene	50.000	44.753	10.5	108	0.00
94 T	Hexachlorobutadiene	50.000	41.027	17.9	105	0.00
95 T	Naphthalene	50.000	45.474	9.1	108	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	45.582	8.8	114	0.00

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