

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021425\
 Data File : VY021198.D
 Acq On : 14 Feb 2025 09:06
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Feb 14 22:13:25 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 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	69	0.00
2 T	Dichlorodifluoromethane	50.000	51.374	-2.7	71	0.00
3 P	Chloromethane	50.000	50.369	-0.7	72	0.00
4 C	Vinyl Chloride	50.000	52.151	-4.3#	75	0.00
5 T	Bromomethane	50.000	50.006	-0.0	73	0.00
6 T	Chloroethane	50.000	53.303	-6.6	76	0.00
7 T	Trichlorofluoromethane	50.000	51.779	-3.6	72	0.00
8 T	Diethyl Ether	50.000	47.848	4.3	68	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	52.258	-4.5	73	0.00
10 T	Methyl Iodide	50.000	51.749	-3.5	68	0.00
11 T	Tert butyl alcohol	250.000	195.661	21.7	58	0.00
12 CM	1,1-Dichloroethene	50.000	50.296	-0.6#	70	0.01
13 T	Acrolein	250.000	137.942	44.8#	39	0.00
14 T	Allyl chloride	50.000	52.755	-5.5	73	0.00
15 T	Acrylonitrile	250.000	243.044	2.8	66	0.02
16 T	Acetone	250.000	281.931	-12.8	80	0.00
17 T	Carbon Disulfide	50.000	48.178	3.6	67	0.00
18 T	Methyl Acetate	50.000	49.742	0.5	67	0.00
19 T	Methyl tert-butyl Ether	50.000	49.589	0.8	67	0.02
20 T	Methylene Chloride	50.000	51.000	-2.0	72	0.01
21 T	trans-1,2-Dichloroethene	50.000	50.858	-1.7	70	0.01
22 T	Diisopropyl ether	50.000	54.087	-8.2	74	0.00
23 T	Vinyl Acetate	250.000	255.654	-2.3	68	0.00
24 P	1,1-Dichloroethane	50.000	53.532	-7.1	75	0.01
25 T	2-Butanone	250.000	248.356	0.7	66	0.00
26 T	2,2-Dichloropropane	50.000	53.973	-7.9	76	0.01
27 T	cis-1,2-Dichloroethene	50.000	51.436	-2.9	71	0.01
28 T	Bromochloromethane	50.000	53.672	-7.3	68	0.00
29 T	Tetrahydrofuran	250.000	237.676	4.9	63	0.02
30 C	Chloroform	50.000	53.889	-7.8#	75	0.00
31 T	Cyclohexane	50.000	49.901	0.2	72	0.00
32 T	1,1,1-Trichloroethane	50.000	53.566	-7.1	75	0.00
33 S	1,2-Dichloroethane-d4	50.000	46.901	6.2	65	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	67	0.00
35 S	Dibromofluoromethane	50.000	49.044	1.9	67	0.00
36 T	1,1-Dichloropropene	50.000	54.173	-8.3	74	0.00
37 T	Ethyl Acetate	50.000	48.537	2.9	64	0.01
38 T	Carbon Tetrachloride	50.000	54.629	-9.3	74	0.00
39 T	Methylcyclohexane	50.000	53.345	-6.7	70	0.00
40 TM	Benzene	50.000	53.935	-7.9	73	0.00
41 T	Methacrylonitrile	50.000	42.745	14.5	62	0.00
42 TM	1,2-Dichloroethane	50.000	53.288	-6.6	73	0.00
43 T	Isopropyl Acetate	50.000	49.270	1.5	65	0.00
44 TM	Trichloroethene	50.000	52.523	-5.0	73	0.00
45 C	1,2-Dichloropropane	50.000	53.848	-7.7#	73	0.00
46 T	Dibromomethane	50.000	50.282	-0.6	68	0.00
47 T	Bromodichloromethane	50.000	54.003	-8.0	74	0.00
48 T	Methyl methacrylate	50.000	51.674	-3.3	68	0.00

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 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	968.576	3.1	63	0.00
50 S	Toluene-d8	50.000	48.888	2.2	66	0.00
51 T	4-Methyl-2-Pentanone	250.000	247.016	1.2	64	0.00
52 CM	Toluene	50.000	54.792	-9.6#	73	0.00
53 T	t-1,3-Dichloropropene	50.000	53.291	-6.6	70	0.00
54 T	cis-1,3-Dichloropropene	50.000	53.386	-6.8	71	0.00
55 T	1,1,2-Trichloroethane	50.000	51.368	-2.7	69	0.00
56 T	Ethyl methacrylate	50.000	49.300	1.4	62	0.00
57 T	1,3-Dichloropropane	50.000	52.123	-4.2	70	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	253.477	-1.4	65	0.00
59 T	2-Hexanone	250.000	253.639	-1.5	63	0.00
60 T	Dibromochloromethane	50.000	51.622	-3.2	70	0.00
61 T	1,2-Dibromoethane	50.000	49.438	1.1	65	0.00
62 S	4-Bromofluorobenzene	50.000	49.715	0.6	66	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	66	0.00
64 T	Tetrachloroethene	50.000	53.885	-7.8	73	0.00
65 PM	Chlorobenzene	50.000	53.030	-6.1	72	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	53.764	-7.5	73	0.00
67 C	Ethyl Benzene	50.000	55.244	-10.5#	74	0.00
68 T	m/p-Xylenes	100.000	110.249	-10.2	73	0.00
69 T	o-Xylene	50.000	55.369	-10.7	73	0.00
70 T	Styrene	50.000	55.341	-10.7	72	0.00
71 P	Bromoform	50.000	50.288	-0.6	67	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	68	0.00
73 T	Isopropylbenzene	50.000	53.460	-6.9	74	0.00
74 T	N-amyl acetate	50.000	48.916	2.2	64	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	47.324	5.4	66	0.00
76 T	1,2,3-Trichloropropane	50.000	45.663	8.7	61	0.00
77 T	Bromobenzene	50.000	50.412	-0.8	71	0.00
78 T	n-propylbenzene	50.000	54.388	-8.8	75	0.00
79 T	2-Chlorotoluene	50.000	52.671	-5.3	74	0.00
80 T	1,3,5-Trimethylbenzene	50.000	53.634	-7.3	74	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	46.027	7.9	62	0.00
82 T	4-Chlorotoluene	50.000	52.943	-5.9	74	0.00
83 T	tert-Butylbenzene	50.000	53.171	-6.3	72	0.00
84 T	1,2,4-Trimethylbenzene	50.000	54.453	-8.9	75	0.00
85 T	sec-Butylbenzene	50.000	54.598	-9.2	76	0.00
86 T	p-Isopropyltoluene	50.000	55.131	-10.3	75	0.00
87 T	1,3-Dichlorobenzene	50.000	52.401	-4.8	73	0.00
88 T	1,4-Dichlorobenzene	50.000	52.039	-4.1	73	0.00
89 T	n-Butylbenzene	50.000	56.071	-12.1	76	0.00
90 T	Hexachloroethane	50.000	53.829	-7.7	75	0.00
91 T	1,2-Dichlorobenzene	50.000	51.107	-2.2	72	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	47.807	4.4	65	0.00
93 T	1,2,4-Trichlorobenzene	50.000	53.087	-6.2	69	0.00
94 T	Hexachlorobutadiene	50.000	55.246	-10.5	75	0.00
95 T	Naphthalene	50.000	50.046	-0.1	61	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.507	-3.0	67	0.00

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