

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040725\
 Data File : VY021804.D
 Acq On : 07 Apr 2025 17:29
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Apr 08 03:36:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 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	94	0.00
2 T	Dichlorodifluoromethane	50.000	46.885	6.2	90	0.00
3 P	Chloromethane	50.000	45.826	8.3	91	0.00
4 C	Vinyl Chloride	50.000	46.675	6.7#	91	0.00
5 T	Bromomethane	50.000	43.454	13.1	90	0.00
6 T	Chloroethane	50.000	46.787	6.4	93	0.00
7 T	Trichlorofluoromethane	50.000	47.416	5.2	93	0.00
8 T	Diethyl Ether	50.000	48.339	3.3	95	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.106	1.8	96	0.00
10 T	Methyl Iodide	50.000	54.276	-8.6	95	0.00
11 T	Tert butyl alcohol	250.000	243.094	2.8	95	0.00
12 CM	1,1-Dichloroethene	50.000	49.389	1.2#	95	0.00
13 T	Acrolein	250.000	78.732	68.5#	30	0.01
14 T	Allyl chloride	50.000	49.061	1.9	92	0.00
15 T	Acrylonitrile	250.000	253.002	-1.2	94	0.00
16 T	Acetone	250.000	209.922	16.0	82	0.00
17 T	Carbon Disulfide	50.000	46.691	6.6	90	0.00
18 T	Methyl Acetate	50.000	61.991	-24.0	121	0.00
19 T	Methyl tert-butyl Ether	50.000	51.489	-3.0	96	0.00
20 T	Methylene Chloride	50.000	53.510	-7.0	97	0.00
21 T	trans-1,2-Dichloroethene	50.000	49.480	1.0	95	0.00
22 T	Diisopropyl ether	50.000	51.594	-3.2	95	0.00
23 T	Vinyl Acetate	250.000	218.278	12.7	79	0.00
24 P	1,1-Dichloroethane	50.000	49.834	0.3	95	0.00
25 T	2-Butanone	250.000	242.513	3.0	91	0.00
26 T	2,2-Dichloropropane	50.000	48.532	2.9	93	0.00
27 T	cis-1,2-Dichloroethene	50.000	50.515	-1.0	95	0.00
28 T	Bromochloromethane	50.000	49.382	1.2	97	0.00
29 T	Tetrahydrofuran	250.000	258.784	-3.5	94	0.00
30 C	Chloroform	50.000	50.278	-0.6#	96	0.00
31 T	Cyclohexane	50.000	47.519	5.0	93	0.00
32 T	1,1,1-Trichloroethane	50.000	49.982	0.0	96	0.00
33 S	1,2-Dichloroethane-d4	50.000	50.315	-0.6	94	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	92	0.00
35 S	Dibromofluoromethane	50.000	44.664	10.7	79	0.00
36 T	1,1-Dichloropropene	50.000	51.820	-3.6	94	0.00
37 T	Ethyl Acetate	50.000	50.589	-1.2	92	0.00
38 T	Carbon Tetrachloride	50.000	52.071	-4.1	96	0.00
39 T	Methylcyclohexane	50.000	53.002	-6.0	93	0.00
40 TM	Benzene	50.000	51.889	-3.8	95	0.00
41 T	Methacrylonitrile	50.000	48.707	2.6	81	0.00
42 TM	1,2-Dichloroethane	50.000	52.720	-5.4	97	0.00
43 T	Isopropyl Acetate	50.000	52.690	-5.4	95	0.00
44 TM	Trichloroethene	50.000	59.815	-19.6	111	0.00
45 C	1,2-Dichloropropane	50.000	52.726	-5.5#	97	0.00
46 T	Dibromomethane	50.000	52.805	-5.6	99	0.00
47 T	Bromodichloromethane	50.000	52.215	-4.4	96	0.00
48 T	Methyl methacrylate	50.000	54.600	-9.2	97	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1137.947	-13.8	102	0.00
50 S	Toluene-d8	50.000	52.311	-4.6	91	0.00
51 T	4-Methyl-2-Pentanone	250.000	278.979	-11.6	98	0.00
52 CM	Toluene	50.000	53.500	-7.0#	96	0.00
53 T	t-1,3-Dichloropropene	50.000	52.154	-4.3	92	0.00
54 T	cis-1,3-Dichloropropene	50.000	52.346	-4.7	94	0.00
55 T	1,1,2-Trichloroethane	50.000	53.949	-7.9	99	0.00
56 T	Ethyl methacrylate	50.000	58.234	-16.5	97	0.00
57 T	1,3-Dichloropropane	50.000	54.234	-8.5	98	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	294.697	-17.9	98	0.00
59 T	2-Hexanone	250.000	278.791	-11.5	96	0.00
60 T	Dibromochloromethane	50.000	53.126	-6.3	95	0.00
61 T	1,2-Dibromoethane	50.000	54.567	-9.1	97	0.00
62 S	4-Bromofluorobenzene	50.000	54.329	-8.7	95	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	95	0.00
64 T	Tetrachloroethene	50.000	66.382	-32.8#	127	0.00
65 PM	Chlorobenzene	50.000	51.612	-3.2	97	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	51.329	-2.7	96	0.00
67 C	Ethyl Benzene	50.000	53.233	-6.5#	96	0.00
68 T	m/p-Xylenes	100.000	106.367	-6.4	96	0.00
69 T	o-Xylene	50.000	53.967	-7.9	96	0.00
70 T	Styrene	50.000	55.090	-10.2	98	0.00
71 P	Bromoform	50.000	53.058	-6.1	98	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	100	0.00
73 T	Isopropylbenzene	50.000	49.859	0.3	97	0.00
74 T	N-ethyl acetate	50.000	50.156	-0.3	96	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	30.709	38.6#	63	0.00
76 T	1,2,3-Trichloropropane	50.000	50.134	-0.3	100	0.00
77 T	Bromobenzene	50.000	49.502	1.0	100	0.00
78 T	n-propylbenzene	50.000	50.246	-0.5	97	0.00
79 T	2-Chlorotoluene	50.000	49.230	1.5	97	0.00
80 T	1,3,5-Trimethylbenzene	50.000	50.419	-0.8	98	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	46.520	7.0	90	0.00
82 T	4-Chlorotoluene	50.000	49.086	1.8	97	0.00
83 T	tert-Butylbenzene	50.000	49.742	0.5	97	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.455	-2.9	99	0.00
85 T	sec-Butylbenzene	50.000	50.405	-0.8	98	0.00
86 T	p-Isopropyltoluene	50.000	51.574	-3.1	98	0.00
87 T	1,3-Dichlorobenzene	50.000	49.310	1.4	99	0.00
88 T	1,4-Dichlorobenzene	50.000	49.448	1.1	99	0.00
89 T	n-Butylbenzene	50.000	51.422	-2.8	98	0.00
90 T	Hexachloroethane	50.000	48.894	2.2	99	0.00
91 T	1,2-Dichlorobenzene	50.000	50.078	-0.2	101	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	50.624	-1.2	103	0.00
93 T	1,2,4-Trichlorobenzene	50.000	54.582	-9.2	103	0.00
94 T	Hexachlorobutadiene	50.000	51.756	-3.5	102	0.00
95 T	Naphthalene	50.000	60.132	-20.3	110	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	55.748	-11.5	106	0.00

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