

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032125\
 Data File : VY021590.D
 Acq On : 21 Mar 2025 11:04
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Mar 21 23:09:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 12:42:45 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	97	0.00
2 T	Dichlorodifluoromethane	50.000	42.753	14.5	85	0.00
3 P	Chloromethane	50.000	44.452	11.1	91	0.00
4 C	Vinyl Chloride	50.000	49.495	1.0#	99	0.00
5 T	Bromomethane	50.000	44.851	10.3	95	-0.01
6 T	Chloroethane	50.000	52.796	-5.6	104	0.00
7 T	Trichlorofluoromethane	50.000	49.409	1.2	98	-0.01
8 T	Diethyl Ether	50.000	46.584	6.8	88	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	47.310	5.4	96	-0.02
10 T	Methyl Iodide	50.000	51.236	-2.5	90	-0.01
11 T	Tert butyl alcohol	250.000	252.298	-0.9	89	-0.01
12 CM	1,1-Dichloroethene	50.000	46.673	6.7#	92	-0.01
13 T	Acrolein	250.000	37.223	85.1#	86	-0.02
14 T	Allyl chloride	50.000	47.515	5.0	91	-0.01
15 T	Acrylonitrile	250.000	244.945	2.0	89	-0.01
16 T	Acetone	250.000	252.697	-1.1	84	-0.01
17 T	Carbon Disulfide	50.000	42.681	14.6	82	-0.01
18 T	Methyl Acetate	50.000	62.605	-25.2#	110	-0.01
19 T	Methyl tert-butyl Ether	50.000	48.553	2.9	90	-0.01
20 T	Methylene Chloride	50.000	43.636	12.7	93	-0.01
21 T	trans-1,2-Dichloroethene	50.000	47.028	5.9	93	-0.02
22 T	Diisopropyl ether	50.000	48.575	2.8	91	0.00
23 T	Vinyl Acetate	250.000	233.981	6.4	84	-0.01
24 P	1,1-Dichloroethane	50.000	48.272	3.5	94	-0.01
25 T	2-Butanone	250.000	249.237	0.3	86	0.00
26 T	2,2-Dichloropropane	50.000	47.740	4.5	96	0.00
27 T	cis-1,2-Dichloroethene	50.000	48.887	2.2	95	0.00
28 T	Bromochloromethane	50.000	50.280	-0.6	93	0.00
29 T	Tetrahydrofuran	250.000	243.199	2.7	84	-0.01
30 C	Chloroform	50.000	48.204	3.6#	95	0.00
31 T	Cyclohexane	50.000	43.559	12.9	89	0.00
32 T	1,1,1-Trichloroethane	50.000	48.422	3.2	97	0.00
33 S	1,2-Dichloroethane-d4	50.000	51.753	-3.5	110	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	98	0.00
35 S	Dibromofluoromethane	50.000	53.368	-6.7	117	0.00
36 T	1,1-Dichloropropene	50.000	46.662	6.7	91	0.00
37 T	Ethyl Acetate	50.000	47.092	5.8	85	0.00
38 T	Carbon Tetrachloride	50.000	48.198	3.6	96	0.00
39 T	Methylcyclohexane	50.000	46.721	6.6	89	0.00
40 TM	Benzene	50.000	47.685	4.6	92	0.00
41 T	Methacrylonitrile	50.000	56.775	-13.5	106	0.00
42 TM	1,2-Dichloroethane	50.000	46.990	6.0	90	0.00
43 T	Isopropyl Acetate	50.000	47.421	5.2	85	0.00
44 TM	Trichloroethene	50.000	49.369	1.3	97	0.00
45 C	1,2-Dichloropropane	50.000	48.576	2.8#	94	0.00
46 T	Dibromomethane	50.000	48.564	2.9	90	0.00
47 T	Bromodichloromethane	50.000	49.040	1.9	94	0.00
48 T	Methyl methacrylate	50.000	48.049	3.9	84	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1102.445	-10.2	95	0.00
50 S	Toluene-d8	50.000	51.712	-3.4	111	0.00
51 T	4-Methyl-2-Pentanone	250.000	248.864	0.5	85	0.00
52 CM	Toluene	50.000	49.112	1.8#	93	0.00
53 T	t-1,3-Dichloropropene	50.000	49.432	1.1	91	0.00
54 T	cis-1,3-Dichloropropene	50.000	49.577	0.8	92	0.00
55 T	1,1,2-Trichloroethane	50.000	48.531	2.9	88	0.00
56 T	Ethyl methacrylate	50.000	50.736	-1.5	87	0.00
57 T	1,3-Dichloropropane	50.000	48.577	2.8	91	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	276.195	-10.5	96	0.00
59 T	2-Hexanone	250.000	254.862	-1.9	83	0.00
60 T	Dibromochloromethane	50.000	49.620	0.8	93	0.00
61 T	1,2-Dibromoethane	50.000	48.769	2.5	91	0.00
62 S	4-Bromofluorobenzene	50.000	52.305	-4.6	113	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	96	0.00
64 T	Tetrachloroethene	50.000	54.032	-8.1	105	0.00
65 PM	Chlorobenzene	50.000	48.418	3.2	93	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.136	1.7	94	0.00
67 C	Ethyl Benzene	50.000	49.729	0.5#	93	0.00
68 T	m/p-Xylenes	100.000	99.531	0.5	92	0.00
69 T	o-Xylene	50.000	50.513	-1.0	93	0.00
70 T	Styrene	50.000	51.707	-3.4	94	0.00
71 P	Bromoform	50.000	51.256	-2.5	92	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	98	0.00
73 T	Isopropylbenzene	50.000	48.859	2.3	94	0.00
74 T	N-amyl acetate	50.000	48.672	2.7	86	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	45.480	9.0	86	0.00
76 T	1,2,3-Trichloropropane	50.000	47.875	4.3	96	0.00
77 T	Bromobenzene	50.000	47.252	5.5	92	0.00
78 T	n-propylbenzene	50.000	48.581	2.8	93	0.00
79 T	2-Chlorotoluene	50.000	47.287	5.4	93	0.00
80 T	1,3,5-Trimethylbenzene	50.000	49.335	1.3	95	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	46.632	6.7	85	0.00
82 T	4-Chlorotoluene	50.000	46.704	6.6	91	0.00
83 T	tert-Butylbenzene	50.000	48.669	2.7	93	0.00
84 T	1,2,4-Trimethylbenzene	50.000	49.484	1.0	94	0.00
85 T	sec-Butylbenzene	50.000	48.706	2.6	93	0.00
86 T	p-Isopropyltoluene	50.000	49.412	1.2	95	0.00
87 T	1,3-Dichlorobenzene	50.000	47.769	4.5	95	0.00
88 T	1,4-Dichlorobenzene	50.000	48.278	3.4	96	0.00
89 T	n-Butylbenzene	50.000	50.185	-0.4	94	0.00
90 T	Hexachloroethane	50.000	48.134	3.7	97	0.00
91 T	1,2-Dichlorobenzene	50.000	48.636	2.7	95	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	46.195	7.6	87	0.00
93 T	1,2,4-Trichlorobenzene	50.000	51.019	-2.0	95	0.00
94 T	Hexachlorobutadiene	50.000	49.774	0.5	96	0.00
95 T	Naphthalene	50.000	49.543	0.9	89	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.170	-0.3	92	0.00

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