

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032025\
 Data File : VY021588.D
 Acq On : 20 Mar 2025 17:31
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Mar 21 01:35:20 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	81	0.00
2 T	Dichlorodifluoromethane	50.000	40.951	18.1	68	0.00
3 P	Chloromethane	50.000	44.351	11.3	75	0.00
4 C	Vinyl Chloride	50.000	46.969	6.1#	78	0.00
5 T	Bromomethane	50.000	43.488	13.0	77	-0.01
6 T	Chloroethane	50.000	52.437	-4.9	86	0.00
7 T	Trichlorofluoromethane	50.000	46.660	6.7	77	-0.01
8 T	Diethyl Ether	50.000	49.039	1.9	77	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	47.159	5.7	80	-0.01
10 T	Methyl Iodide	50.000	50.535	-1.1	74	-0.01
11 T	Tert butyl alcohol	250.000	229.871	8.1	68	-0.02
12 CM	1,1-Dichloroethene	50.000	45.714	8.6#	75	-0.01
13 T	Acrolein	250.000	26.398	89.4#	51	-0.01
14 T	Allyl chloride	50.000	47.584	4.8	76	-0.02
15 T	Acrylonitrile	250.000	255.416	-2.2	77	-0.01
16 T	Acetone	250.000	215.840	13.7	60	0.00
17 T	Carbon Disulfide	50.000	42.351	15.3	68	-0.01
18 T	Methyl Acetate	50.000	65.263	-30.5#	95	0.00
19 T	Methyl tert-butyl Ether	50.000	50.234	-0.5	78	0.00
20 T	Methylene Chloride	50.000	46.831	6.3	83	0.00
21 T	trans-1,2-Dichloroethene	50.000	47.528	4.9	79	-0.01
22 T	Diisopropyl ether	50.000	50.249	-0.5	79	-0.01
23 T	Vinyl Acetate	250.000	240.843	3.7	72	-0.01
24 P	1,1-Dichloroethane	50.000	49.054	1.9	80	-0.01
25 T	2-Butanone	250.000	239.794	4.1	69	0.00
26 T	2,2-Dichloropropane	50.000	46.551	6.9	78	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.267	1.5	80	0.00
28 T	Bromochloromethane	50.000	51.069	-2.1	78	0.00
29 T	Tetrahydrofuran	250.000	254.270	-1.7	73	-0.01
30 C	Chloroform	50.000	50.229	-0.5#	82	0.00
31 T	Cyclohexane	50.000	42.570	14.9	73	0.00
32 T	1,1,1-Trichloroethane	50.000	48.298	3.4	80	0.00
33 S	1,2-Dichloroethane-d4	50.000	43.736	12.5	78	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	83	0.00
35 S	Dibromofluoromethane	50.000	43.992	12.0	81	0.00
36 T	1,1-Dichloropropene	50.000	46.726	6.5	77	0.00
37 T	Ethyl Acetate	50.000	48.960	2.1	74	0.00
38 T	Carbon Tetrachloride	50.000	46.772	6.5	78	0.00
39 T	Methylcyclohexane	50.000	45.643	8.7	73	0.00
40 TM	Benzene	50.000	48.079	3.8	78	0.00
41 T	Methacrylonitrile	50.000	48.237	3.5	75	0.00
42 TM	1,2-Dichloroethane	50.000	49.257	1.5	79	0.00
43 T	Isopropyl Acetate	50.000	49.760	0.5	75	0.00
44 TM	Trichloroethene	50.000	49.007	2.0	81	0.00
45 C	1,2-Dichloropropane	50.000	49.356	1.3#	80	0.00
46 T	Dibromomethane	50.000	50.642	-1.3	79	0.00
47 T	Bromodichloromethane	50.000	50.988	-2.0	82	0.00
48 T	Methyl methacrylate	50.000	52.155	-4.3	76	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1079.467	-7.9	78	0.00
50 S	Toluene-d8	50.000	41.675	16.7	76	0.00
51 T	4-Methyl-2-Pentanone	250.000	256.426	-2.6	74	0.00
52 CM	Toluene	50.000	50.162	-0.3#	80	0.00
53 T	t-1,3-Dichloropropene	50.000	50.742	-1.5	79	0.00
54 T	cis-1,3-Dichloropropene	50.000	49.839	0.3	78	0.00
55 T	1,1,2-Trichloroethane	50.000	51.403	-2.8	79	0.00
56 T	Ethyl methacrylate	50.000	51.727	-3.5	75	0.00
57 T	1,3-Dichloropropane	50.000	51.006	-2.0	80	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	245.599	1.8	72	0.00
59 T	2-Hexanone	250.000	255.504	-2.2	70	0.00
60 T	Dibromochloromethane	50.000	52.403	-4.8	83	0.00
61 T	1,2-Dibromoethane	50.000	50.561	-1.1	79	0.00
62 S	4-Bromofluorobenzene	50.000	44.606	10.8	81	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	84	0.00
64 T	Tetrachloroethene	50.000	53.981	-8.0	91	0.00
65 PM	Chlorobenzene	50.000	48.036	3.9	80	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	48.983	2.0	81	0.00
67 C	Ethyl Benzene	50.000	48.118	3.8#	78	0.00
68 T	m/p-Xylenes	100.000	97.830	2.2	78	0.00
69 T	o-Xylene	50.000	49.651	0.7	79	0.00
70 T	Styrene	50.000	51.093	-2.2	80	0.00
71 P	Bromoform	50.000	51.366	-2.7	80	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	88	0.00
73 T	Isopropylbenzene	50.000	45.469	9.1	79	0.00
74 T	N-ethyl acetate	50.000	45.640	8.7	73	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	44.935	10.1	76	0.00
76 T	1,2,3-Trichloropropane	50.000	44.305	11.4	80	0.00
77 T	Bromobenzene	50.000	45.201	9.6	80	0.00
78 T	n-propylbenzene	50.000	45.718	8.6	79	0.00
79 T	2-Chlorotoluene	50.000	45.699	8.6	81	0.00
80 T	1,3,5-Trimethylbenzene	50.000	46.296	7.4	81	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	43.607	12.8	72	0.00
82 T	4-Chlorotoluene	50.000	45.714	8.6	80	0.00
83 T	tert-Butylbenzene	50.000	46.882	6.2	81	0.00
84 T	1,2,4-Trimethylbenzene	50.000	47.025	6.0	81	0.00
85 T	sec-Butylbenzene	50.000	46.603	6.8	80	0.00
86 T	p-Isopropyltoluene	50.000	46.961	6.1	81	0.00
87 T	1,3-Dichlorobenzene	50.000	45.499	9.0	81	0.00
88 T	1,4-Dichlorobenzene	50.000	46.042	7.9	82	0.00
89 T	n-Butylbenzene	50.000	47.273	5.5	80	0.00
90 T	Hexachloroethane	50.000	45.902	8.2	83	0.00
91 T	1,2-Dichlorobenzene	50.000	46.622	6.8	82	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	45.569	8.9	78	0.00
93 T	1,2,4-Trichlorobenzene	50.000	48.296	3.4	81	0.00
94 T	Hexachlorobutadiene	50.000	49.258	1.5	85	0.00
95 T	Naphthalene	50.000	47.410	5.2	77	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	48.724	2.6	80	0.00

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