

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020425\
 Data File : VY021072.D
 Acq On : 04 Feb 2025 20:30
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Feb 05 00:52:03 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	71	0.00
2 T	Dichlorodifluoromethane	50.000	49.228	1.5	70	0.00
3 P	Chloromethane	50.000	52.549	-5.1	78	0.00
4 C	Vinyl Chloride	50.000	49.323	1.4#	73	0.00
5 T	Bromomethane	50.000	51.126	-2.3	77	0.00
6 T	Chloroethane	50.000	52.345	-4.7	76	0.00
7 T	Trichlorofluoromethane	50.000	48.783	2.4	70	0.00
8 T	Diethyl Ether	50.000	53.790	-7.6	79	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	47.375	5.3	68	0.00
10 T	Methyl Iodide	50.000	50.592	-1.2	68	0.00
11 T	Tert butyl alcohol	250.000	285.249	-14.1	88	-0.01
12 CM	1,1-Dichloroethene	50.000	49.902	0.2#	72	0.00
13 T	Acrolein	250.000	262.191	-4.9	76	0.00
14 T	Allyl chloride	50.000	52.855	-5.7	75	0.00
15 T	Acrylonitrile	250.000	292.939	-17.2	81	0.00
16 T	Acetone	250.000	291.715	-16.7	85	0.00
17 T	Carbon Disulfide	50.000	51.530	-3.1	74	0.00
18 T	Methyl Acetate	50.000	59.702	-19.4	82	0.00
19 T	Methyl tert-butyl Ether	50.000	55.762	-11.5	78	0.00
20 T	Methylene Chloride	50.000	54.174	-8.3	78	0.00
21 T	trans-1,2-Dichloroethene	50.000	52.779	-5.6	75	0.00
22 T	Diisopropyl ether	50.000	56.425	-12.8	79	0.00
23 T	Vinyl Acetate	250.000	289.061	-15.6	79	0.00
24 P	1,1-Dichloroethane	50.000	54.130	-8.3	78	0.00
25 T	2-Butanone	250.000	300.932	-20.4	83	0.00
26 T	2,2-Dichloropropane	50.000	44.352	11.3	65	0.00
27 T	cis-1,2-Dichloroethene	50.000	54.597	-9.2	78	0.00
28 T	Bromochloromethane	50.000	63.049	-26.1#	83	0.00
29 T	Tetrahydrofuran	250.000	303.231	-21.3	83	0.00
30 C	Chloroform	50.000	54.511	-9.0#	78	0.00
31 T	Cyclohexane	50.000	47.162	5.7	70	0.00
32 T	1,1,1-Trichloroethane	50.000	51.523	-3.0	74	0.00
33 S	1,2-Dichloroethane-d4	50.000	52.446	-4.9	75	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	74	0.00
35 S	Dibromofluoromethane	50.000	49.767	0.5	75	0.00
36 T	1,1-Dichloropropene	50.000	48.571	2.9	73	0.00
37 T	Ethyl Acetate	50.000	55.404	-10.8	81	0.00
38 T	Carbon Tetrachloride	50.000	48.804	2.4	73	0.00
39 T	Methylcyclohexane	50.000	46.215	7.6	67	0.00
40 TM	Benzene	50.000	51.795	-3.6	77	0.00
41 T	Methacrylonitrile	50.000	48.823	2.4	78	0.00
42 TM	1,2-Dichloroethane	50.000	53.844	-7.7	81	0.00
43 T	Isopropyl Acetate	50.000	55.722	-11.4	80	0.00
44 TM	Trichloroethene	50.000	49.234	1.5	75	0.00
45 C	1,2-Dichloropropane	50.000	52.913	-5.8#	79	0.00
46 T	Dibromomethane	50.000	53.393	-6.8	80	0.00
47 T	Bromodichloromethane	50.000	53.973	-7.9	81	0.00
48 T	Methyl methacrylate	50.000	57.418	-14.8	83	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1249.757	-25.0	89	0.00
50 S	Toluene-d8	50.000	48.824	2.4	73	0.00
51 T	4-Methyl-2-Pentanone	250.000	292.898	-17.2	83	0.00
52 CM	Toluene	50.000	52.630	-5.3#	77	0.00
53 T	t-1,3-Dichloropropene	50.000	51.890	-3.8	75	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.101	-2.2	75	0.00
55 T	1,1,2-Trichloroethane	50.000	54.027	-8.1	80	0.00
56 T	Ethyl methacrylate	50.000	57.055	-14.1	79	0.00
57 T	1,3-Dichloropropane	50.000	55.253	-10.5	81	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	262.084	-4.8	74	0.00
59 T	2-Hexanone	250.000	299.543	-19.8	82	0.00
60 T	Dibromochloromethane	50.000	53.990	-8.0	81	0.00
61 T	1,2-Dibromoethane	50.000	53.762	-7.5	78	0.00
62 S	4-Bromofluorobenzene	50.000	50.843	-1.7	74	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	76	0.00
64 T	Tetrachloroethene	50.000	46.933	6.1	73	0.00
65 PM	Chlorobenzene	50.000	50.097	-0.2	78	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.821	-1.6	80	0.00
67 C	Ethyl Benzene	50.000	49.642	0.7#	76	0.00
68 T	m/p-Xylenes	100.000	100.663	-0.7	77	0.00
69 T	o-Xylene	50.000	51.357	-2.7	79	0.00
70 T	Styrene	50.000	52.614	-5.2	79	0.00
71 P	Bromoform	50.000	54.105	-8.2	84	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	81	0.00
73 T	Isopropylbenzene	50.000	45.703	8.6	76	0.00
74 T	N-amyl acetate	50.000	52.137	-4.3	81	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	49.537	0.9	82	0.00
76 T	1,2,3-Trichloropropane	50.000	42.638	14.7	68	0.00
77 T	Bromobenzene	50.000	47.328	5.3	80	0.00
78 T	n-propylbenzene	50.000	45.892	8.2	75	0.00
79 T	2-Chlorotoluene	50.000	46.455	7.1	77	0.00
80 T	1,3,5-Trimethylbenzene	50.000	46.542	6.9	77	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	43.820	12.4	71	0.00
82 T	4-Chlorotoluene	50.000	47.235	5.5	79	0.00
83 T	tert-Butylbenzene	50.000	45.629	8.7	74	0.00
84 T	1,2,4-Trimethylbenzene	50.000	47.919	4.2	78	0.00
85 T	sec-Butylbenzene	50.000	45.059	9.9	75	0.00
86 T	p-Isopropyltoluene	50.000	45.932	8.1	75	0.00
87 T	1,3-Dichlorobenzene	50.000	47.738	4.5	80	0.00
88 T	1,4-Dichlorobenzene	50.000	47.130	5.7	78	0.00
89 T	n-Butylbenzene	50.000	45.254	9.5	73	0.00
90 T	Hexachloroethane	50.000	47.848	4.3	80	0.00
91 T	1,2-Dichlorobenzene	50.000	48.482	3.0	81	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	51.342	-2.7	83	0.00
93 T	1,2,4-Trichlorobenzene	50.000	49.292	1.4	77	0.00
94 T	Hexachlorobutadiene	50.000	44.966	10.1	73	0.00
95 T	Naphthalene	50.000	55.542	-11.1	81	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	52.007	-4.0	80	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 6