

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031725\
 Data File : VY021543.D
 Acq On : 17 Mar 2025 10:04
 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: Mar 18 01:25:44 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	86	0.00
2 T	Dichlorodifluoromethane	50.000	42.294	15.4	75	0.00
3 P	Chloromethane	50.000	47.150	5.7	85	0.00
4 C	Vinyl Chloride	50.000	48.876	2.2#	86	0.00
5 T	Bromomethane	50.000	48.256	3.5	91	-0.01
6 T	Chloroethane	50.000	54.374	-8.7	95	0.00
7 T	Trichlorofluoromethane	50.000	53.888	-7.8	95	-0.01
8 T	Diethyl Ether	50.000	48.101	3.8	80	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	46.765	6.5	84	-0.01
10 T	Methyl Iodide	50.000	53.621	-7.2	84	0.00
11 T	Tert butyl alcohol	250.000	224.948	10.0	71	-0.01
12 CM	1,1-Dichloroethene	50.000	46.980	6.0#	82	-0.01
13 T	Acrolein	250.000	44.310	82.3#	90	-0.02
14 T	Allyl chloride	50.000	49.849	0.3	85	-0.01
15 T	Acrylonitrile	250.000	251.849	-0.7	81	-0.01
16 T	Acetone	250.000	292.215	-16.9	86	0.00
17 T	Carbon Disulfide	50.000	45.919	8.2	78	-0.01
18 T	Methyl Acetate	50.000	58.861	-17.7	91	-0.01
19 T	Methyl tert-butyl Ether	50.000	49.441	1.1	81	0.00
20 T	Methylene Chloride	50.000	46.789	6.4	89	-0.01
21 T	trans-1,2-Dichloroethene	50.000	49.533	0.9	87	-0.02
22 T	Diisopropyl ether	50.000	51.499	-3.0	86	0.00
23 T	Vinyl Acetate	250.000	247.011	1.2	78	-0.01
24 P	1,1-Dichloroethane	50.000	50.872	-1.7	88	-0.01
25 T	2-Butanone	250.000	254.434	-1.8	77	0.00
26 T	2,2-Dichloropropane	50.000	49.399	1.2	88	0.00
27 T	cis-1,2-Dichloroethene	50.000	50.587	-1.2	87	0.00
28 T	Bromochloromethane	50.000	51.940	-3.9	85	0.00
29 T	Tetrahydrofuran	250.000	243.642	2.5	75	0.00
30 C	Chloroform	50.000	51.691	-3.4#	90	0.00
31 T	Cyclohexane	50.000	42.606	14.8	77	0.00
32 T	1,1,1-Trichloroethane	50.000	49.157	1.7	87	0.00
33 S	1,2-Dichloroethane-d4	50.000	54.652	-9.3	103	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	88	0.00
35 S	Dibromofluoromethane	50.000	54.619	-9.2	107	-0.01
36 T	1,1-Dichloropropene	50.000	47.545	4.9	83	0.00
37 T	Ethyl Acetate	50.000	47.855	4.3	77	0.00
38 T	Carbon Tetrachloride	50.000	47.938	4.1	85	0.00
39 T	Methylcyclohexane	50.000	45.526	8.9	78	0.00
40 TM	Benzene	50.000	49.907	0.2	86	0.00
41 T	Methacrylonitrile	50.000	48.691	2.6	81	0.00
42 TM	1,2-Dichloroethane	50.000	50.145	-0.3	86	0.00
43 T	Isopropyl Acetate	50.000	46.687	6.6	75	0.00
44 TM	Trichloroethene	50.000	50.343	-0.7	89	0.00
45 C	1,2-Dichloropropane	50.000	50.298	-0.6#	87	0.00
46 T	Dibromomethane	50.000	50.395	-0.8	84	0.00
47 T	Bromodichloromethane	50.000	51.412	-2.8	88	0.00
48 T	Methyl methacrylate	50.000	48.754	2.5	76	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	974.832	2.5	75	0.00
50 S	Toluene-d8	50.000	53.327	-6.7	103	0.00
51 T	4-Methyl-2-Pentanone	250.000	245.121	2.0	75	0.00
52 CM	Toluene	50.000	50.765	-1.5#	86	0.00
53 T	t-1,3-Dichloropropene	50.000	51.159	-2.3	85	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.065	-2.1	85	0.00
55 T	1,1,2-Trichloroethane	50.000	50.940	-1.9	83	0.00
56 T	Ethyl methacrylate	50.000	51.119	-2.2	79	0.00
57 T	1,3-Dichloropropane	50.000	50.176	-0.4	84	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	265.351	-6.1	83	0.00
59 T	2-Hexanone	250.000	259.480	-3.8	76	0.00
60 T	Dibromochloromethane	50.000	51.655	-3.3	87	0.00
61 T	1,2-Dibromoethane	50.000	49.781	0.4	83	0.00
62 S	4-Bromofluorobenzene	50.000	53.529	-7.1	103	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	89	0.00
64 T	Tetrachloroethene	50.000	54.672	-9.3	98	0.00
65 PM	Chlorobenzene	50.000	49.962	0.1	88	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.929	0.1	88	0.00
67 C	Ethyl Benzene	50.000	49.104	1.8#	84	0.00
68 T	m/p-Xylenes	100.000	100.363	-0.4	85	0.00
69 T	o-Xylene	50.000	50.951	-1.9	86	0.00
70 T	Styrene	50.000	51.830	-3.7	87	0.00
71 P	Bromoform	50.000	50.869	-1.7	84	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	90	0.00
73 T	Isopropylbenzene	50.000	47.688	4.6	84	0.00
74 T	N-amyl acetate	50.000	44.405	11.2	72	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	45.660	8.7	79	0.00
76 T	1,2,3-Trichloropropane	50.000	48.691	2.6	90	0.00
77 T	Bromobenzene	50.000	48.584	2.8	87	0.00
78 T	n-propylbenzene	50.000	48.113	3.8	85	0.00
79 T	2-Chlorotoluene	50.000	48.098	3.8	86	0.00
80 T	1,3,5-Trimethylbenzene	50.000	48.749	2.5	86	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	46.324	7.4	78	0.00
82 T	4-Chlorotoluene	50.000	48.892	2.2	88	0.00
83 T	tert-Butylbenzene	50.000	48.351	3.3	85	0.00
84 T	1,2,4-Trimethylbenzene	50.000	48.988	2.0	86	0.00
85 T	sec-Butylbenzene	50.000	47.622	4.8	84	0.00
86 T	p-Isopropyltoluene	50.000	48.916	2.2	86	0.00
87 T	1,3-Dichlorobenzene	50.000	48.223	3.6	88	0.00
88 T	1,4-Dichlorobenzene	50.000	48.286	3.4	88	0.00
89 T	n-Butylbenzene	50.000	48.559	2.9	83	0.00
90 T	Hexachloroethane	50.000	47.011	6.0	87	0.00
91 T	1,2-Dichlorobenzene	50.000	48.701	2.6	87	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	45.184	9.6	78	0.00
93 T	1,2,4-Trichlorobenzene	50.000	49.419	1.2	84	0.00
94 T	Hexachlorobutadiene	50.000	49.862	0.3	88	0.00
95 T	Naphthalene	50.000	46.684	6.6	77	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	48.631	2.7	82	0.00

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