

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041125\
 Data File : VY021863.D
 Acq On : 11 Apr 2025 16:40
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Apr 12 05:23:55 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	105	0.00
2 T	Dichlorodifluoromethane	50.000	47.510	5.0	102	0.00
3 P	Chloromethane	50.000	44.202	11.6	97	0.00
4 C	Vinyl Chloride	50.000	45.068	9.9#	97	0.00
5 T	Bromomethane	50.000	43.655	12.7	100	0.00
6 T	Chloroethane	50.000	46.015	8.0	101	0.00
7 T	Trichlorofluoromethane	50.000	48.837	2.3	106	0.00
8 T	Diethyl Ether	50.000	49.380	1.2	108	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	51.008	-2.0	111	0.00
10 T	Methyl Iodide	50.000	57.347	-14.7	112	0.00
11 T	Tert butyl alcohol	250.000	232.522	7.0	101	0.00
12 CM	1,1-Dichloroethene	50.000	50.121	-0.2#	107	0.00
13 T	Acrolein	250.000	61.024	75.6#	26	0.00
14 T	Allyl chloride	50.000	49.280	1.4	103	0.00
15 T	Acrylonitrile	250.000	254.738	-1.9	105	0.00
16 T	Acetone	250.000	202.209	19.1	87	0.00
17 T	Carbon Disulfide	50.000	46.212	7.6	98	0.00
18 T	Methyl Acetate	50.000	65.445	-30.9#	142	0.00
19 T	Methyl tert-butyl Ether	50.000	52.733	-5.5	109	0.00
20 T	Methylene Chloride	50.000	55.155	-10.3	110	0.00
21 T	trans-1,2-Dichloroethene	50.000	50.670	-1.3	108	0.00
22 T	Diisopropyl ether	50.000	51.875	-3.8	106	0.00
23 T	Vinyl Acetate	250.000	241.854	3.3	97	0.00
24 P	1,1-Dichloroethane	50.000	50.649	-1.3	107	0.00
25 T	2-Butanone	250.000	237.890	4.8	99	0.00
26 T	2,2-Dichloropropane	50.000	49.127	1.7	104	0.00
27 T	cis-1,2-Dichloroethene	50.000	52.646	-5.3	110	0.00
28 T	Bromochloromethane	50.000	50.328	-0.7	109	0.00
29 T	Tetrahydrofuran	250.000	246.687	1.3	100	0.00
30 C	Chloroform	50.000	51.422	-2.8#	108	0.00
31 T	Cyclohexane	50.000	47.560	4.9	104	0.00
32 T	1,1,1-Trichloroethane	50.000	51.394	-2.8	109	0.00
33 S	1,2-Dichloroethane-d4	50.000	47.410	5.2	98	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	104	0.00
35 S	Dibromofluoromethane	50.000	50.301	-0.6	100	0.00
36 T	1,1-Dichloropropene	50.000	51.610	-3.2	105	0.00
37 T	Ethyl Acetate	50.000	49.319	1.4	101	0.00
38 T	Carbon Tetrachloride	50.000	52.983	-6.0	110	0.00
39 T	Methylcyclohexane	50.000	52.234	-4.5	103	0.00
40 TM	Benzene	50.000	52.528	-5.1	108	0.00
41 T	Methacrylonitrile	50.000	47.664	4.7	89	0.00
42 TM	1,2-Dichloroethane	50.000	51.817	-3.6	107	0.00
43 T	Isopropyl Acetate	50.000	50.717	-1.4	103	0.00
44 TM	Trichloroethene	50.000	54.016	-8.0	113	0.00
45 C	1,2-Dichloropropane	50.000	53.072	-6.1#	109	0.00
46 T	Dibromomethane	50.000	53.616	-7.2	113	0.00
47 T	Bromodichloromethane	50.000	53.493	-7.0	110	0.00
48 T	Methyl methacrylate	50.000	52.727	-5.5	105	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)

49 T	1,4-Dioxane	1000.000	1071.224	-7.1	108	0.00
50 S	Toluene-d8	50.000	49.633	0.7	97	0.00
51 T	4-Methyl-2-Pentanone	250.000	267.493	-7.0	106	0.00
52 CM	Toluene	50.000	54.154	-8.3#	109	0.00
53 T	t-1,3-Dichloropropene	50.000	52.913	-5.8	105	0.00
54 T	cis-1,3-Dichloropropene	50.000	52.164	-4.3	105	0.00
55 T	1,1,2-Trichloroethane	50.000	54.775	-9.5	113	0.00
56 T	Ethyl methacrylate	50.000	57.399	-14.8	108	0.00
57 T	1,3-Dichloropropane	50.000	53.736	-7.5	109	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	270.776	-8.3	101	0.00
59 T	2-Hexanone	250.000	269.597	-7.8	105	0.00
60 T	Dibromochloromethane	50.000	54.856	-9.7	111	0.00
61 T	1,2-Dibromoethane	50.000	53.974	-7.9	108	0.00
62 S	4-Bromofluorobenzene	50.000	51.585	-3.2	102	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	107	0.00
64 T	Tetrachloroethene	50.000	55.101	-10.2	119	0.00
65 PM	Chlorobenzene	50.000	52.130	-4.3	110	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	52.787	-5.6	111	0.00
67 C	Ethyl Benzene	50.000	52.996	-6.0#	108	0.00
68 T	m/p-Xylenes	100.000	107.989	-8.0	110	0.00
69 T	o-Xylene	50.000	54.070	-8.1	108	0.00
70 T	Styrene	50.000	55.817	-11.6	112	0.00
71 P	Bromoform	50.000	53.505	-7.0	111	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	109	0.00
73 T	Isopropylbenzene	50.000	51.647	-3.3	110	0.00
74 T	N-ethyl acetate	50.000	50.212	-0.4	104	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	47.123	5.8	105	0.00
76 T	1,2,3-Trichloropropane	50.000	51.291	-2.6	112	0.00
77 T	Bromobenzene	50.000	51.061	-2.1	112	0.00
78 T	n-propylbenzene	50.000	51.753	-3.5	110	0.00
79 T	2-Chlorotoluene	50.000	50.884	-1.8	109	0.00
80 T	1,3,5-Trimethylbenzene	50.000	52.158	-4.3	110	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	46.727	6.5	99	0.00
82 T	4-Chlorotoluene	50.000	50.974	-1.9	109	0.00
83 T	tert-Butylbenzene	50.000	51.943	-3.9	110	0.00
84 T	1,2,4-Trimethylbenzene	50.000	53.361	-6.7	112	0.00
85 T	sec-Butylbenzene	50.000	52.160	-4.3	110	0.00
86 T	p-Isopropyltoluene	50.000	53.177	-6.4	111	0.00
87 T	1,3-Dichlorobenzene	50.000	51.669	-3.3	114	0.00
88 T	1,4-Dichlorobenzene	50.000	50.870	-1.7	111	0.00
89 T	n-Butylbenzene	50.000	52.389	-4.8	109	0.00
90 T	Hexachloroethane	50.000	51.073	-2.1	113	0.00
91 T	1,2-Dichlorobenzene	50.000	52.336	-4.7	115	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	51.677	-3.4	115	0.00
93 T	1,2,4-Trichlorobenzene	50.000	57.291	-14.6	118	0.00
94 T	Hexachlorobutadiene	50.000	55.990	-12.0	121	0.00
95 T	Naphthalene	50.000	64.164	-28.3#	128	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	59.406	-18.8	123	0.00

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