

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041825\
 Data File : VY021916.D
 Acq On : 18 Apr 2025 08:46
 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: Apr 19 01:06:16 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	84	0.00
2 T	Dichlorodifluoromethane	50.000	41.287	17.4	71	0.00
3 P	Chloromethane	50.000	43.027	13.9	76	0.00
4 C	Vinyl Chloride	50.000	43.998	12.0#	76	0.00
5 T	Bromomethane	50.000	42.766	14.5	79	0.00
6 T	Chloroethane	50.000	45.079	9.8	80	0.00
7 T	Trichlorofluoromethane	50.000	45.449	9.1	80	0.00
8 T	Diethyl Ether	50.000	46.283	7.4	81	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	47.362	5.3	83	0.00
10 T	Methyl Iodide	50.000	48.302	3.4	76	0.00
11 T	Tert butyl alcohol	250.000	221.516	11.4	78	0.00
12 CM	1,1-Dichloroethene	50.000	45.514	9.0#	78	0.00
13 T	Acrolein	250.000	40.604	83.8#	14	0.01
14 T	Allyl chloride	50.000	45.264	9.5	76	0.00
15 T	Acrylonitrile	250.000	247.664	0.9	83	0.00
16 T	Acetone	250.000	215.818	13.7	75	0.00
17 T	Carbon Disulfide	50.000	42.731	14.5	73	0.00
18 T	Methyl Acetate	50.000	63.696	-27.4#	111	0.00
19 T	Methyl tert-butyl Ether	50.000	48.503	3.0	80	0.00
20 T	Methylene Chloride	50.000	50.000	0.0	81	0.00
21 T	trans-1,2-Dichloroethene	50.000	46.864	6.3	80	0.00
22 T	Diisopropyl ether	50.000	49.515	1.0	81	0.00
23 T	Vinyl Acetate	250.000	230.725	7.7	75	0.00
24 P	1,1-Dichloroethane	50.000	47.685	4.6	81	0.00
25 T	2-Butanone	250.000	235.511	5.8	79	0.00
26 T	2,2-Dichloropropane	50.000	47.778	4.4	82	0.00
27 T	cis-1,2-Dichloroethene	50.000	48.306	3.4	81	0.00
28 T	Bromochloromethane	50.000	48.714	2.6	85	0.00
29 T	Tetrahydrofuran	250.000	243.834	2.5	79	0.00
30 C	Chloroform	50.000	49.314	1.4#	84	0.00
31 T	Cyclohexane	50.000	44.245	11.5	78	0.00
32 T	1,1,1-Trichloroethane	50.000	48.292	3.4	83	0.00
33 S	1,2-Dichloroethane-d4	50.000	47.292	5.4	79	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	80	0.00
35 S	Dibromofluoromethane	50.000	51.636	-3.3	79	0.00
36 T	1,1-Dichloropropene	50.000	50.778	-1.6	80	0.00
37 T	Ethyl Acetate	50.000	50.306	-0.6	80	0.00
38 T	Carbon Tetrachloride	50.000	51.943	-3.9	83	0.00
39 T	Methylcyclohexane	50.000	50.296	-0.6	77	0.00
40 TM	Benzene	50.000	51.369	-2.7	81	0.00
41 T	Methacrylonitrile	50.000	54.658	-9.3	79	-0.01
42 TM	1,2-Dichloroethane	50.000	52.445	-4.9	83	0.00
43 T	Isopropyl Acetate	50.000	50.098	-0.2	79	0.00
44 TM	Trichloroethene	50.000	51.740	-3.5	83	0.00
45 C	1,2-Dichloropropane	50.000	52.254	-4.5#	83	0.00
46 T	Dibromomethane	50.000	52.973	-5.9	86	0.00
47 T	Bromodichloromethane	50.000	53.017	-6.0	84	0.00
48 T	Methyl methacrylate	50.000	52.485	-5.0	81	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	989.598	1.0	77	0.00
50 S	Toluene-d8	50.000	51.348	-2.7	78	0.00
51 T	4-Methyl-2-Pentanone	250.000	275.774	-10.3	84	0.00
52 CM	Toluene	50.000	53.638	-7.3#	83	0.00
53 T	t-1,3-Dichloropropene	50.000	52.529	-5.1	80	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.250	-2.5	80	0.00
55 T	1,1,2-Trichloroethane	50.000	54.536	-9.1	87	0.00
56 T	Ethyl methacrylate	50.000	56.107	-12.2	81	0.00
57 T	1,3-Dichloropropane	50.000	53.309	-6.6	83	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	304.794	-21.9	88	0.00
59 T	2-Hexanone	250.000	277.258	-10.9	83	0.00
60 T	Dibromochloromethane	50.000	54.328	-8.7	85	0.00
61 T	1,2-Dibromoethane	50.000	54.532	-9.1	84	0.00
62 S	4-Bromofluorobenzene	50.000	52.207	-4.4	79	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	83	0.00
64 T	Tetrachloroethene	50.000	55.060	-10.1	92	0.00
65 PM	Chlorobenzene	50.000	50.857	-1.7	83	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	52.440	-4.9	86	0.00
67 C	Ethyl Benzene	50.000	52.648	-5.3#	83	0.00
68 T	m/p-Xylenes	100.000	106.592	-6.6	84	0.00
69 T	o-Xylene	50.000	52.995	-6.0	82	0.00
70 T	Styrene	50.000	54.654	-9.3	85	0.00
71 P	Bromoform	50.000	54.365	-8.7	88	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	86	0.00
73 T	Isopropylbenzene	50.000	49.836	0.3	83	0.00
74 T	N-amyl acetate	50.000	47.731	4.5	78	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	47.122	5.8	82	0.00
76 T	1,2,3-Trichloropropane	50.000	52.870	-5.7	91	0.00
77 T	Bromobenzene	50.000	50.352	-0.7	87	0.00
78 T	n-propylbenzene	50.000	50.782	-1.6	85	0.00
79 T	2-Chlorotoluene	50.000	49.566	0.9	84	0.00
80 T	1,3,5-Trimethylbenzene	50.000	50.555	-1.1	84	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	47.093	5.8	79	0.00
82 T	4-Chlorotoluene	50.000	50.372	-0.7	85	0.00
83 T	tert-Butylbenzene	50.000	49.688	0.6	83	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.863	-3.7	85	0.00
85 T	sec-Butylbenzene	50.000	51.120	-2.2	85	0.00
86 T	p-Isopropyltoluene	50.000	52.214	-4.4	86	0.00
87 T	1,3-Dichlorobenzene	50.000	50.214	-0.4	87	0.00
88 T	1,4-Dichlorobenzene	50.000	50.598	-1.2	87	0.00
89 T	n-Butylbenzene	50.000	51.503	-3.0	84	0.00
90 T	Hexachloroethane	50.000	49.535	0.9	86	0.00
91 T	1,2-Dichlorobenzene	50.000	50.930	-1.9	88	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	50.970	-1.9	89	0.00
93 T	1,2,4-Trichlorobenzene	50.000	52.622	-5.2	86	0.00
94 T	Hexachlorobutadiene	50.000	51.037	-2.1	87	0.00
95 T	Naphthalene	50.000	54.287	-8.6	85	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	53.394	-6.8	87	0.00

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