

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021825\
 Data File : VY021226.D
 Acq On : 18 Feb 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: Feb 19 04:11:36 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	87	0.00
2 T	Dichlorodifluoromethane	50.000	44.182	11.6	77	0.00
3 P	Chloromethane	50.000	49.050	1.9	89	0.00
4 C	Vinyl Chloride	50.000	50.114	-0.2#	91	0.00
5 T	Bromomethane	50.000	45.780	8.4	84	0.00
6 T	Chloroethane	50.000	51.515	-3.0	93	0.00
7 T	Trichlorofluoromethane	50.000	47.045	5.9	83	0.00
8 T	Diethyl Ether	50.000	50.617	-1.2	91	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	46.387	7.2	83	0.00
10 T	Methyl Iodide	50.000	46.144	7.7	77	0.00
11 T	Tert butyl alcohol	250.000	263.909	-5.6	100	0.04
12 CM	1,1-Dichloroethene	50.000	45.815	8.4#	81	0.00
13 T	Acrolein	250.000	184.478	26.2#	65	0.01
14 T	Allyl chloride	50.000	49.378	1.2	86	0.00
15 T	Acrylonitrile	250.000	288.967	-15.6	99	0.02
16 T	Acetone	250.000	296.054	-18.4	106	0.01
17 T	Carbon Disulfide	50.000	42.660	14.7	75	0.00
18 T	Methyl Acetate	50.000	61.622	-23.2	104	0.00
19 T	Methyl tert-butyl Ether	50.000	54.648	-9.3	94	0.02
20 T	Methylene Chloride	50.000	48.822	2.4	87	0.01
21 T	trans-1,2-Dichloroethene	50.000	46.189	7.6	81	0.01
22 T	Diisopropyl ether	50.000	52.718	-5.4	91	0.01
23 T	Vinyl Acetate	250.000	278.825	-11.5	94	0.00
24 P	1,1-Dichloroethane	50.000	48.818	2.4	87	0.01
25 T	2-Butanone	250.000	297.465	-19.0	100	0.01
26 T	2,2-Dichloropropane	50.000	48.261	3.5	87	0.01
27 T	cis-1,2-Dichloroethene	50.000	48.604	2.8	85	0.01
28 T	Bromochloromethane	50.000	55.321	-10.6	89	0.00
29 T	Tetrahydrofuran	250.000	301.355	-20.5	101	0.02
30 C	Chloroform	50.000	49.200	1.6#	87	0.00
31 T	Cyclohexane	50.000	44.856	10.3	82	0.00
32 T	1,1,1-Trichloroethane	50.000	48.478	3.0	86	0.00
33 S	1,2-Dichloroethane-d4	50.000	54.771	-9.5	97	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	88	0.00
35 S	Dibromofluoromethane	50.000	51.317	-2.6	92	0.00
36 T	1,1-Dichloropropene	50.000	46.618	6.8	84	0.00
37 T	Ethyl Acetate	50.000	58.327	-16.7	101	0.01
38 T	Carbon Tetrachloride	50.000	46.943	6.1	83	0.00
39 T	Methylcyclohexane	50.000	47.011	6.0	81	0.00
40 TM	Benzene	50.000	47.996	4.0	85	0.00
41 T	Methacrylonitrile	50.000	56.710	-13.4	108	0.01
42 TM	1,2-Dichloroethane	50.000	51.524	-3.0	92	0.00
43 T	Isopropyl Acetate	50.000	58.172	-16.3	100	0.00
44 TM	Trichloroethene	50.000	46.095	7.8	83	0.00
45 C	1,2-Dichloropropane	50.000	50.080	-0.2#	89	0.00
46 T	Dibromomethane	50.000	50.782	-1.6	90	0.00
47 T	Bromodichloromethane	50.000	50.163	-0.3	89	0.00
48 T	Methyl methacrylate	50.000	60.880	-21.8	105	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1161.039	-16.1	99	0.01
50 S	Toluene-d8	50.000	50.628	-1.3	90	0.00
51 T	4-Methyl-2-Pentanone	250.000	304.615	-21.8	103	0.00
52 CM	Toluene	50.000	48.537	2.9#	85	0.00
53 T	t-1,3-Dichloropropene	50.000	53.044	-6.1	91	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.123	-2.2	89	0.00
55 T	1,1,2-Trichloroethane	50.000	51.103	-2.2	90	0.00
56 T	Ethyl methacrylate	50.000	57.227	-14.5	94	0.00
57 T	1,3-Dichloropropane	50.000	52.357	-4.7	91	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	283.339	-13.3	95	0.00
59 T	2-Hexanone	250.000	318.410	-27.4#	104	0.00
60 T	Dibromochloromethane	50.000	51.953	-3.9	92	0.00
61 T	1,2-Dibromoethane	50.000	52.052	-4.1	90	0.00
62 S	4-Bromofluorobenzene	50.000	53.730	-7.5	93	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	87	0.00
64 T	Tetrachloroethene	50.000	45.061	9.9	81	0.00
65 PM	Chlorobenzene	50.000	47.442	5.1	85	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	48.636	2.7	88	0.00
67 C	Ethyl Benzene	50.000	48.432	3.1#	85	0.00
68 T	m/p-Xylenes	100.000	96.064	3.9	84	0.00
69 T	o-Xylene	50.000	48.624	2.8	85	0.00
70 T	Styrene	50.000	49.871	0.3	86	0.00
71 P	Bromoform	50.000	53.037	-6.1	94	0.01
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	89	0.00
73 T	Isopropylbenzene	50.000	46.496	7.0	85	0.00
74 T	N-amyl acetate	50.000	59.294	-18.6	102	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	53.388	-6.8	98	0.00
76 T	1,2,3-Trichloropropane	50.000	51.520	-3.0	90	0.00
77 T	Bromobenzene	50.000	46.709	6.6	87	0.00
78 T	n-propylbenzene	50.000	47.364	5.3	86	0.00
79 T	2-Chlorotoluene	50.000	46.932	6.1	86	0.00
80 T	1,3,5-Trimethylbenzene	50.000	47.606	4.8	86	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	54.583	-9.2	97	0.00
82 T	4-Chlorotoluene	50.000	47.259	5.5	87	0.00
83 T	tert-Butylbenzene	50.000	46.266	7.5	83	0.00
84 T	1,2,4-Trimethylbenzene	50.000	47.749	4.5	86	0.00
85 T	sec-Butylbenzene	50.000	47.471	5.1	87	0.00
86 T	p-Isopropyltoluene	50.000	47.531	4.9	85	0.00
87 T	1,3-Dichlorobenzene	50.000	47.019	6.0	87	0.00
88 T	1,4-Dichlorobenzene	50.000	47.172	5.7	86	0.00
89 T	n-Butylbenzene	50.000	49.587	0.8	88	0.00
90 T	Hexachloroethane	50.000	46.447	7.1	85	0.00
91 T	1,2-Dichlorobenzene	50.000	48.537	2.9	89	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	57.610	-15.2	103	0.00
93 T	1,2,4-Trichlorobenzene	50.000	54.897	-9.8	94	0.00
94 T	Hexachlorobutadiene	50.000	51.029	-2.1	91	0.00
95 T	Naphthalene	50.000	62.714	-25.4#	101	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	57.406	-14.8	98	0.00

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