

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042125\
 Data File : VY021951.D
 Acq On : 21 Apr 2025 16:17
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Apr 22 02:46:27 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	75	0.00
2 T	Dichlorodifluoromethane	50.000	39.278	21.4	60	0.00
3 P	Chloromethane	50.000	46.429	7.1	73	0.00
4 C	Vinyl Chloride	50.000	44.942	10.1#	69	0.00
5 T	Bromomethane	50.000	50.724	-1.4	83	0.00
6 T	Chloroethane	50.000	47.934	4.1	76	0.00
7 T	Trichlorofluoromethane	50.000	46.014	8.0	72	0.00
8 T	Diethyl Ether	50.000	46.692	6.6	73	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	47.219	5.6	73	0.00
10 T	Methyl Iodide	50.000	48.990	2.0	68	0.00
11 T	Tert butyl alcohol	250.000	207.008	17.2	64	0.02
12 CM	1,1-Dichloroethene	50.000	44.530	10.9#	68	0.00
13 T	Acrolein	250.000	29.073	88.4#	9	0.02
14 T	Allyl chloride	50.000	46.362	7.3	69	0.00
15 T	Acrylonitrile	250.000	244.997	2.0	73	0.00
16 T	Acetone	250.000	191.965	23.2	59	0.00
17 T	Carbon Disulfide	50.000	42.387	15.2	65	0.00
18 T	Methyl Acetate	50.000	69.755	-39.5#	108	0.00
19 T	Methyl tert-butyl Ether	50.000	48.231	3.5	71	0.00
20 T	Methylene Chloride	50.000	51.412	-2.8	74	0.00
21 T	trans-1,2-Dichloroethene	50.000	46.959	6.1	72	0.00
22 T	Diisopropyl ether	50.000	50.631	-1.3	74	0.00
23 T	Vinyl Acetate	250.000	227.559	9.0	66	0.00
24 P	1,1-Dichloroethane	50.000	48.731	2.5	74	0.00
25 T	2-Butanone	250.000	226.684	9.3	68	0.00
26 T	2,2-Dichloropropane	50.000	46.590	6.8	71	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.199	1.6	73	0.00
28 T	Bromochloromethane	50.000	50.938	-1.9	79	0.00
29 T	Tetrahydrofuran	250.000	240.601	3.8	70	0.00
30 C	Chloroform	50.000	50.002	-0.0#	76	0.00
31 T	Cyclohexane	50.000	43.838	12.3	68	0.00
32 T	1,1,1-Trichloroethane	50.000	48.153	3.7	73	0.00
33 S	1,2-Dichloroethane-d4	50.000	50.149	-0.3	74	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	74	0.00
35 S	Dibromofluoromethane	50.000	52.320	-4.6	74	0.00
36 T	1,1-Dichloropropene	50.000	49.439	1.1	72	0.00
37 T	Ethyl Acetate	50.000	46.472	7.1	68	0.00
38 T	Carbon Tetrachloride	50.000	49.528	0.9	73	0.00
39 T	Methylcyclohexane	50.000	47.466	5.1	67	0.00
40 TM	Benzene	50.000	50.621	-1.2	74	0.00
41 T	Methacrylonitrile	50.000	47.715	4.6	64	-0.01
42 TM	1,2-Dichloroethane	50.000	50.527	-1.1	74	0.00
43 T	Isopropyl Acetate	50.000	48.119	3.8	70	0.00
44 TM	Trichloroethene	50.000	50.539	-1.1	75	0.00
45 C	1,2-Dichloropropane	50.000	51.580	-3.2#	76	0.00
46 T	Dibromomethane	50.000	51.330	-2.7	77	0.00
47 T	Bromodichloromethane	50.000	51.775	-3.5	76	0.00
48 T	Methyl methacrylate	50.000	52.980	-6.0	75	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	976.463	2.4	70	0.01
50 S	Toluene-d8	50.000	52.472	-4.9	73	0.00
51 T	4-Methyl-2-Pentanone	250.000	262.277	-4.9	74	0.00
52 CM	Toluene	50.000	52.882	-5.8#	76	0.00
53 T	t-1,3-Dichloropropene	50.000	51.563	-3.1	73	0.00
54 T	cis-1,3-Dichloropropene	50.000	50.459	-0.9	72	0.00
55 T	1,1,2-Trichloroethane	50.000	53.930	-7.9	79	0.00
56 T	Ethyl methacrylate	50.000	53.954	-7.9	72	0.00
57 T	1,3-Dichloropropane	50.000	53.017	-6.0	76	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	284.112	-13.6	76	0.00
59 T	2-Hexanone	250.000	263.496	-5.4	73	0.00
60 T	Dibromochloromethane	50.000	53.377	-6.8	77	0.00
61 T	1,2-Dibromoethane	50.000	52.420	-4.8	74	0.00
62 S	4-Bromofluorobenzene	50.000	54.777	-9.6	77	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	76	0.00
64 T	Tetrachloroethene	50.000	52.889	-5.8	82	0.00
65 PM	Chlorobenzene	50.000	49.623	0.8	75	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	51.500	-3.0	78	0.00
67 C	Ethyl Benzene	50.000	50.875	-1.8#	74	0.00
68 T	m/p-Xylenes	100.000	103.315	-3.3	75	0.00
69 T	o-Xylene	50.000	52.031	-4.1	75	0.00
70 T	Styrene	50.000	53.265	-6.5	76	0.00
71 P	Bromoform	50.000	53.223	-6.4	79	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	81	0.00
73 T	Isopropylbenzene	50.000	47.017	6.0	74	0.00
74 T	N-amyl acetate	50.000	44.158	11.7	68	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	45.310	9.4	75	0.00
76 T	1,2,3-Trichloropropane	50.000	48.616	2.8	79	0.00
77 T	Bromobenzene	50.000	47.219	5.6	77	0.00
78 T	n-propylbenzene	50.000	48.242	3.5	76	0.00
79 T	2-Chlorotoluene	50.000	47.236	5.5	75	0.00
80 T	1,3,5-Trimethylbenzene	50.000	47.982	4.0	75	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	42.269	15.5	67	0.00
82 T	4-Chlorotoluene	50.000	47.119	5.8	75	0.00
83 T	tert-Butylbenzene	50.000	47.440	5.1	75	0.00
84 T	1,2,4-Trimethylbenzene	50.000	49.090	1.8	77	0.00
85 T	sec-Butylbenzene	50.000	47.931	4.1	75	0.00
86 T	p-Isopropyltoluene	50.000	48.989	2.0	76	0.00
87 T	1,3-Dichlorobenzene	50.000	48.342	3.3	79	0.00
88 T	1,4-Dichlorobenzene	50.000	47.438	5.1	77	0.00
89 T	n-Butylbenzene	50.000	47.797	4.4	74	0.00
90 T	Hexachloroethane	50.000	47.795	4.4	79	0.00
91 T	1,2-Dichlorobenzene	50.000	48.374	3.3	79	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	47.472	5.1	79	0.00
93 T	1,2,4-Trichlorobenzene	50.000	50.233	-0.5	77	0.00
94 T	Hexachlorobutadiene	50.000	48.022	4.0	77	0.00
95 T	Naphthalene	50.000	51.878	-3.8	77	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.437	-0.9	78	0.00

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