

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041525\
 Data File : VY021898.D
 Acq On : 15 Apr 2025 15:57
 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 16 03:03:17 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	90	0.00
2 T	Dichlorodifluoromethane	50.000	43.298	13.4	80	0.00
3 P	Chloromethane	50.000	45.937	8.1	87	0.00
4 C	Vinyl Chloride	50.000	44.714	10.6#	83	0.00
5 T	Bromomethane	50.000	49.189	1.6	97	0.00
6 T	Chloroethane	50.000	47.011	6.0	89	0.00
7 T	Trichlorofluoromethane	50.000	47.061	5.9	88	0.00
8 T	Diethyl Ether	50.000	47.798	4.4	90	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.359	3.3	91	0.00
10 T	Methyl Iodide	50.000	53.537	-7.1	90	0.00
11 T	Tert butyl alcohol	250.000	230.540	7.8	86	0.02
12 CM	1,1-Dichloroethene	50.000	47.952	4.1#	88	0.00
13 T	Acrolein	250.000	52.053	79.2#	19	0.00
14 T	Allyl chloride	50.000	47.698	4.6	86	0.00
15 T	Acrylonitrile	250.000	249.065	0.4	89	0.00
16 T	Acetone	250.000	205.219	17.9	77	0.00
17 T	Carbon Disulfide	50.000	44.234	11.5	81	0.00
18 T	Methyl Acetate	50.000	64.629	-29.3#	121	0.00
19 T	Methyl tert-butyl Ether	50.000	51.929	-3.9	92	0.00
20 T	Methylene Chloride	50.000	53.709	-7.4	93	0.00
21 T	trans-1,2-Dichloroethene	50.000	48.977	2.0	90	0.00
22 T	Diisopropyl ether	50.000	51.338	-2.7	90	0.00
23 T	Vinyl Acetate	250.000	243.599	2.6	85	0.00
24 P	1,1-Dichloroethane	50.000	50.087	-0.2	91	0.00
25 T	2-Butanone	250.000	236.821	5.3	85	0.00
26 T	2,2-Dichloropropane	50.000	48.223	3.6	88	0.00
27 T	cis-1,2-Dichloroethene	50.000	51.146	-2.3	92	0.00
28 T	Bromochloromethane	50.000	49.110	1.8	92	0.00
29 T	Tetrahydrofuran	250.000	250.458	-0.2	87	0.00
30 C	Chloroform	50.000	50.808	-1.6#	92	0.00
31 T	Cyclohexane	50.000	45.444	9.1	85	0.00
32 T	1,1,1-Trichloroethane	50.000	49.648	0.7	91	0.00
33 S	1,2-Dichloroethane-d4	50.000	50.719	-1.4	90	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	90	0.00
35 S	Dibromofluoromethane	50.000	53.009	-6.0	91	0.00
36 T	1,1-Dichloropropene	50.000	49.621	0.8	88	0.00
37 T	Ethyl Acetate	50.000	50.352	-0.7	89	0.00
38 T	Carbon Tetrachloride	50.000	50.632	-1.3	91	0.00
39 T	Methylcyclohexane	50.000	50.499	-1.0	86	0.00
40 TM	Benzene	50.000	51.062	-2.1	90	0.00
41 T	Methacrylonitrile	50.000	53.538	-7.1	87	-0.01
42 TM	1,2-Dichloroethane	50.000	50.511	-1.0	90	0.00
43 T	Isopropyl Acetate	50.000	51.146	-2.3	90	0.00
44 TM	Trichloroethene	50.000	52.392	-4.8	95	0.00
45 C	1,2-Dichloropropane	50.000	52.327	-4.7#	93	0.00
46 T	Dibromomethane	50.000	52.926	-5.9	96	0.00
47 T	Bromodichloromethane	50.000	52.666	-5.3	94	0.00
48 T	Methyl methacrylate	50.000	54.908	-9.8	95	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1072.630	-7.3	93	0.00
50 S	Toluene-d8	50.000	53.075	-6.2	90	0.00
51 T	4-Methyl-2-Pentanone	250.000	268.515	-7.4	92	0.00
52 CM	Toluene	50.000	52.926	-5.9#	92	0.00
53 T	t-1,3-Dichloropropene	50.000	52.626	-5.3	90	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.810	-3.6	90	0.00
55 T	1,1,2-Trichloroethane	50.000	54.299	-8.6	97	0.00
56 T	Ethyl methacrylate	50.000	57.068	-14.1	93	0.00
57 T	1,3-Dichloropropane	50.000	53.494	-7.0	93	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	287.123	-14.8	93	0.00
59 T	2-Hexanone	250.000	268.303	-7.3	90	0.00
60 T	Dibromochloromethane	50.000	54.182	-8.4	95	0.00
61 T	1,2-Dibromoethane	50.000	54.265	-8.5	93	0.00
62 S	4-Bromofluorobenzene	50.000	54.419	-8.8	93	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	91	0.00
64 T	Tetrachloroethene	50.000	54.514	-9.0	101	0.00
65 PM	Chlorobenzene	50.000	51.273	-2.5	93	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	52.236	-4.5	94	0.00
67 C	Ethyl Benzene	50.000	51.874	-3.7#	91	0.00
68 T	m/p-Xylenes	100.000	104.830	-4.8	91	0.00
69 T	o-Xylene	50.000	53.766	-7.5	92	0.00
70 T	Styrene	50.000	54.407	-8.8	93	0.00
71 P	Bromoform	50.000	53.766	-7.5	96	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	92	0.00
73 T	Isopropylbenzene	50.000	51.232	-2.5	91	0.00
74 T	N-amyl acetate	50.000	49.500	1.0	87	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	49.333	1.3	92	0.00
76 T	1,2,3-Trichloropropane	50.000	50.001	-0.0	92	0.00
77 T	Bromobenzene	50.000	51.473	-2.9	95	0.00
78 T	n-propylbenzene	50.000	51.469	-2.9	92	0.00
79 T	2-Chlorotoluene	50.000	50.990	-2.0	92	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.226	-2.5	91	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	48.634	2.7	87	0.00
82 T	4-Chlorotoluene	50.000	50.765	-1.5	92	0.00
83 T	tert-Butylbenzene	50.000	51.565	-3.1	92	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.614	-3.2	91	0.00
85 T	sec-Butylbenzene	50.000	51.580	-3.2	92	0.00
86 T	p-Isopropyltoluene	50.000	52.060	-4.1	91	0.00
87 T	1,3-Dichlorobenzene	50.000	51.047	-2.1	94	0.00
88 T	1,4-Dichlorobenzene	50.000	50.543	-1.1	93	0.00
89 T	n-Butylbenzene	50.000	51.813	-3.6	91	0.00
90 T	Hexachloroethane	50.000	49.351	1.3	92	0.00
91 T	1,2-Dichlorobenzene	50.000	51.205	-2.4	95	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	49.009	2.0	92	0.00
93 T	1,2,4-Trichlorobenzene	50.000	52.758	-5.5	92	0.00
94 T	Hexachlorobutadiene	50.000	50.712	-1.4	92	0.00
95 T	Naphthalene	50.000	55.101	-10.2	92	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	53.316	-6.6	93	0.00

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