

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040725\
 Data File : VY021794.D
 Acq On : 07 Apr 2025 09:10
 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 08 03:30:25 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	94	0.00
2 T	Dichlorodifluoromethane	50.000	43.574	12.9	84	0.00
3 P	Chloromethane	50.000	44.137	11.7	88	0.00
4 C	Vinyl Chloride	50.000	45.392	9.2#	88	0.00
5 T	Bromomethane	50.000	41.042	17.9	85	0.00
6 T	Chloroethane	50.000	45.220	9.6	90	0.00
7 T	Trichlorofluoromethane	50.000	46.226	7.5	91	0.00
8 T	Diethyl Ether	50.000	43.508	13.0	86	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	46.358	7.3	91	0.00
10 T	Methyl Iodide	50.000	49.135	1.7	86	0.00
11 T	Tert butyl alcohol	250.000	196.563	21.4	77	0.00
12 CM	1,1-Dichloroethene	50.000	46.887	6.2#	90	0.00
13 T	Acrolein	250.000	75.813	69.7#	29	0.00
14 T	Allyl chloride	50.000	46.193	7.6	87	0.00
15 T	Acrylonitrile	250.000	215.889	13.6	81	0.00
16 T	Acetone	250.000	259.165	-3.7	101	0.00
17 T	Carbon Disulfide	50.000	45.073	9.9	87	0.00
18 T	Methyl Acetate	50.000	49.589	0.8	97	0.00
19 T	Methyl tert-butyl Ether	50.000	45.133	9.7	84	0.00
20 T	Methylene Chloride	50.000	48.120	3.8	88	0.00
21 T	trans-1,2-Dichloroethene	50.000	47.466	5.1	91	0.00
22 T	Diisopropyl ether	50.000	47.619	4.8	88	0.00
23 T	Vinyl Acetate	250.000	220.822	11.7	80	0.00
24 P	1,1-Dichloroethane	50.000	47.347	5.3	90	0.00
25 T	2-Butanone	250.000	229.196	8.3	86	0.00
26 T	2,2-Dichloropropane	50.000	48.250	3.5	92	0.00
27 T	cis-1,2-Dichloroethene	50.000	47.992	4.0	90	0.00
28 T	Bromochloromethane	50.000	46.536	6.9	91	0.00
29 T	Tetrahydrofuran	250.000	215.053	14.0	79	0.00
30 C	Chloroform	50.000	47.595	4.8#	91	0.00
31 T	Cyclohexane	50.000	44.546	10.9	88	0.00
32 T	1,1,1-Trichloroethane	50.000	47.227	5.5	91	0.00
33 S	1,2-Dichloroethane-d4	50.000	47.075	5.8	88	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	91	0.00
35 S	Dibromofluoromethane	50.000	50.509	-1.0	88	0.00
36 T	1,1-Dichloropropene	50.000	50.545	-1.1	91	0.00
37 T	Ethyl Acetate	50.000	44.251	11.5	80	0.00
38 T	Carbon Tetrachloride	50.000	50.753	-1.5	93	0.00
39 T	Methylcyclohexane	50.000	48.886	2.2	85	0.00
40 TM	Benzene	50.000	50.325	-0.7	91	0.00
41 T	Methacrylonitrile	50.000	49.076	1.8	81	-0.01
42 TM	1,2-Dichloroethane	50.000	48.260	3.5	87	0.00
43 T	Isopropyl Acetate	50.000	44.885	10.2	80	0.00
44 TM	Trichloroethene	50.000	51.817	-3.6	95	0.00
45 C	1,2-Dichloropropane	50.000	49.831	0.3#	90	0.00
46 T	Dibromomethane	50.000	48.034	3.9	89	0.00
47 T	Bromodichloromethane	50.000	49.419	1.2	90	0.00
48 T	Methyl methacrylate	50.000	47.453	5.1	83	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	936.467	6.4	83	0.00
50 S	Toluene-d8	50.000	51.740	-3.5	89	0.00
51 T	4-Methyl-2-Pentanone	250.000	232.887	6.8	81	0.00
52 CM	Toluene	50.000	51.304	-2.6#	91	0.00
53 T	t-1,3-Dichloropropene	50.000	49.804	0.4	87	0.00
54 T	cis-1,3-Dichloropropene	50.000	50.219	-0.4	89	0.00
55 T	1,1,2-Trichloroethane	50.000	49.131	1.7	89	0.00
56 T	Ethyl methacrylate	50.000	48.850	2.3	81	0.00
57 T	1,3-Dichloropropane	50.000	49.319	1.4	88	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	258.748	-3.5	85	0.00
59 T	2-Hexanone	250.000	243.444	2.6	83	0.00
60 T	Dibromochloromethane	50.000	49.743	0.5	88	0.00
61 T	1,2-Dibromoethane	50.000	48.727	2.5	85	0.00
62 S	4-Bromofluorobenzene	50.000	51.914	-3.8	90	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	91	0.00
64 T	Tetrachloroethene	50.000	54.654	-9.3	101	0.00
65 PM	Chlorobenzene	50.000	49.923	0.2	90	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.897	0.2	89	0.00
67 C	Ethyl Benzene	50.000	51.687	-3.4#	90	0.00
68 T	m/p-Xylenes	100.000	103.887	-3.9	90	0.00
69 T	o-Xylene	50.000	51.935	-3.9	89	0.00
70 T	Styrene	50.000	52.649	-5.3	90	0.00
71 P	Bromoform	50.000	49.483	1.0	88	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	91	0.00
73 T	Isopropylbenzene	50.000	50.541	-1.1	90	0.00
74 T	N-amyl acetate	50.000	43.148	13.7	75	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	41.800	16.4	78	0.00
76 T	1,2,3-Trichloropropane	50.000	49.934	0.1	91	0.00
77 T	Bromobenzene	50.000	49.332	1.3	90	0.00
78 T	n-propylbenzene	50.000	51.186	-2.4	90	0.00
79 T	2-Chlorotoluene	50.000	49.576	0.8	89	0.00
80 T	1,3,5-Trimethylbenzene	50.000	50.524	-1.0	89	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	46.192	7.6	82	0.00
82 T	4-Chlorotoluene	50.000	48.877	2.2	87	0.00
83 T	tert-Butylbenzene	50.000	49.404	1.2	87	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.475	-3.0	90	0.00
85 T	sec-Butylbenzene	50.000	50.544	-1.1	89	0.00
86 T	p-Isopropyltoluene	50.000	51.605	-3.2	90	0.00
87 T	1,3-Dichlorobenzene	50.000	49.789	0.4	91	0.00
88 T	1,4-Dichlorobenzene	50.000	48.633	2.7	89	0.00
89 T	n-Butylbenzene	50.000	50.487	-1.0	88	0.00
90 T	Hexachloroethane	50.000	48.399	3.2	89	0.00
91 T	1,2-Dichlorobenzene	50.000	49.236	1.5	90	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	44.715	10.6	83	0.00
93 T	1,2,4-Trichlorobenzene	50.000	49.286	1.4	85	0.00
94 T	Hexachlorobutadiene	50.000	48.096	3.8	87	0.00
95 T	Naphthalene	50.000	47.089	5.8	78	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	48.577	2.8	84	0.00

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