

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010325\
 Data File : VY020772.D
 Acq On : 03 Jan 2025 21:59
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jan 03 22:33:16 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122624S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 26 16:12:28 2024
 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	186	0.00
2 T	Dichlorodifluoromethane	50.000	33.653	32.7#	122	0.00
3 P	Chloromethane	50.000	66.916	-33.8#	234	0.00
4 C	Vinyl Chloride	50.000	50.059	-0.1#	177	0.00
5 T	Bromomethane	50.000	44.209	11.6	161	0.00
6 T	Chloroethane	50.000	53.950	-7.9	195	0.00
7 T	Trichlorofluoromethane	50.000	36.485	27.0#	133	0.00
8 T	Diethyl Ether	50.000	50.968	-1.9	178	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	42.248	15.5	155	0.00
10 T	Methyl Iodide	50.000	39.953	20.1	138	0.00
11 T	Tert butyl alcohol	250.000	239.701	4.1	163	-0.01
12 CM	1,1-Dichloroethene	50.000	46.151	7.7#	167	0.00
13 T	Acrolein	250.000	109.722	56.1#	110	0.00
14 T	Allyl chloride	50.000	55.324	-10.6	199	0.00
15 T	Acrylonitrile	250.000	280.920	-12.4	190	0.00
16 T	Acetone	250.000	244.624	2.2	174	0.00
17 T	Carbon Disulfide	50.000	49.713	0.6	172	0.00
18 T	Methyl Acetate	50.000	65.257	-30.5#	215	0.00
19 T	Methyl tert-butyl Ether	50.000	45.170	9.7	158	0.00
20 T	Methylene Chloride	50.000	52.005	-4.0	191	0.00
21 T	trans-1,2-Dichloroethene	50.000	48.693	2.6	171	0.00
22 T	Diisopropyl ether	50.000	60.484	-21.0	214	0.00
23 T	Vinyl Acetate	250.000	270.365	-8.1	182	0.00
24 P	1,1-Dichloroethane	50.000	53.260	-6.5	195	0.00
25 T	2-Butanone	250.000	286.506	-14.6	189	0.00
26 T	2,2-Dichloropropane	50.000	33.460	33.1#	124	0.00
27 T	cis-1,2-Dichloroethene	50.000	50.547	-1.1	180	0.00
28 T	Bromochloromethane	50.000	62.168	-24.3	194	0.00
29 T	Tetrahydrofuran	250.000	307.470	-23.0	202	0.00
30 C	Chloroform	50.000	45.574	8.9#	169	0.00
31 T	Cyclohexane	50.000	43.789	12.4	168	0.00
32 T	1,1,1-Trichloroethane	50.000	39.828	20.3	145	0.00
33 S	1,2-Dichloroethane-d4	50.000	59.370	-18.7	176	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	206	0.00
35 S	Dibromofluoromethane	50.000	58.545	-17.1	208	0.00
36 T	1,1-Dichloropropene	50.000	41.159	17.7	165	0.00
37 T	Ethyl Acetate	50.000	49.966	0.1	185	0.00
38 T	Carbon Tetrachloride	50.000	33.292	33.4#	134	0.00
39 T	Methylcyclohexane	50.000	38.076	23.8	151	0.00
40 TM	Benzene	50.000	45.152	9.7	180	0.00
41 T	Methacrylonitrile	50.000	47.347	5.3	211	0.00
42 TM	1,2-Dichloroethane	50.000	38.143	23.7	146	0.00
43 T	Isopropyl Acetate	50.000	47.193	5.6	172	0.00
44 TM	Trichloroethene	50.000	40.707	18.6	163	0.00
45 C	1,2-Dichloropropane	50.000	49.947	0.1#	195	0.00
46 T	Dibromomethane	50.000	41.889	16.2	160	0.00
47 T	Bromodichloromethane	50.000	41.270	17.5	164	0.00
48 T	Methyl methacrylate	50.000	45.772	8.5	172	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1034.883	-3.5	178	-0.01
50 S	Toluene-d8	50.000	55.981	-12.0	206	0.00
51 T	4-Methyl-2-Pentanone	250.000	248.019	0.8	180	0.00
52 CM	Toluene	50.000	42.977	14.0#	172	0.00
53 T	t-1,3-Dichloropropene	50.000	39.103	21.8	147	0.00
54 T	cis-1,3-Dichloropropene	50.000	41.893	16.2	162	0.00
55 T	1,1,2-Trichloroethane	50.000	44.953	10.1	175	0.00
56 T	Ethyl methacrylate	50.000	45.108	9.8	166	0.00
57 T	1,3-Dichloropropane	50.000	46.106	7.8	174	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	304.904	-22.0	213	0.00
59 T	2-Hexanone	250.000	243.351	2.7	170	0.00
60 T	Dibromochloromethane	50.000	40.787	18.4	162	0.00
61 T	1,2-Dibromoethane	50.000	44.014	12.0	169	0.00
62 S	4-Bromofluorobenzene	50.000	56.972	-13.9	201	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	203	0.00
64 T	Tetrachloroethene	50.000	38.832	22.3	153	0.00
65 PM	Chlorobenzene	50.000	42.055	15.9	167	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	39.694	20.6	157	0.00
67 C	Ethyl Benzene	50.000	41.416	17.2#	162	0.00
68 T	m/p-Xylenes	100.000	83.696	16.3	164	0.00
69 T	o-Xylene	50.000	42.048	15.9	164	0.00
70 T	Styrene	50.000	41.928	16.1	163	0.00
71 P	Bromoform	50.000	39.794	20.4	146	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	194	0.00
73 T	Isopropylbenzene	50.000	40.911	18.2	158	0.00
74 T	N-amyl acetate	50.000	47.859	4.3	167	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	47.348	5.3	171	0.00
76 T	1,2,3-Trichloropropane	50.000	43.375	13.3	178	0.00
77 T	Bromobenzene	50.000	41.914	16.2	159	0.00
78 T	n-propylbenzene	50.000	41.650	16.7	161	0.00
79 T	2-Chlorotoluene	50.000	42.694	14.6	162	0.00
80 T	1,3,5-Trimethylbenzene	50.000	39.437	21.1	150	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	35.808	28.4#	127	0.00
82 T	4-Chlorotoluene	50.000	42.221	15.6	160	0.00
83 T	tert-Butylbenzene	50.000	39.618	20.8	152	0.00
84 T	1,2,4-Trimethylbenzene	50.000	40.148	19.7	151	0.00
85 T	sec-Butylbenzene	50.000	40.672	18.7	156	0.00
86 T	p-Isopropyltoluene	50.000	39.123	21.8	149	0.00
87 T	1,3-Dichlorobenzene	50.000	41.443	17.1	159	0.00
88 T	1,4-Dichlorobenzene	50.000	40.905	18.2	156	0.00
89 T	n-Butylbenzene	50.000	39.623	20.8	151	0.00
90 T	Hexachloroethane	50.000	40.800	18.4	158	0.00
91 T	1,2-Dichlorobenzene	50.000	42.061	15.9	155	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	36.631	26.7#	125	0.00
93 T	1,2,4-Trichlorobenzene	50.000	37.762	24.5	138	0.00
94 T	Hexachlorobutadiene	50.000	33.538	32.9#	129	0.00
95 T	Naphthalene	50.000	37.586	24.8	130	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	38.209	23.6	136	0.00

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