

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010625\
 Data File : VY020787.D
 Acq On : 06 Jan 2025 16:48
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jan 07 02:04:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 01:31:46 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	105	0.00
2 T	Dichlorodifluoromethane	50.000	44.232	11.5	94	0.00
3 P	Chloromethane	50.000	48.870	2.3	104	0.00
4 C	Vinyl Chloride	50.000	49.387	1.2#	101	0.00
5 T	Bromomethane	50.000	48.612	2.8	106	0.00
6 T	Chloroethane	50.000	50.365	-0.7	104	0.00
7 T	Trichlorofluoromethane	50.000	46.425	7.2	97	0.00
8 T	Diethyl Ether	50.000	49.074	1.9	99	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	46.352	7.3	97	0.00
10 T	Methyl Iodide	50.000	48.294	3.4	95	0.00
11 T	Tert butyl alcohol	250.000	203.813	18.5	86	0.00
12 CM	1,1-Dichloroethene	50.000	48.339	3.3#	98	0.00
13 T	Acrolein	250.000	135.798	45.7#	98	0.00
14 T	Allyl chloride	50.000	49.302	1.4	102	0.00
15 T	Acrylonitrile	250.000	238.474	4.6	92	0.00
16 T	Acetone	250.000	229.471	8.2	90	0.00
17 T	Carbon Disulfide	50.000	50.607	-1.2	98	0.00
18 T	Methyl Acetate	50.000	48.903	2.2	92	0.00
19 T	Methyl tert-butyl Ether	50.000	47.156	5.7	95	0.00
20 T	Methylene Chloride	50.000	49.109	1.8	103	0.00
21 T	trans-1,2-Dichloroethene	50.000	48.540	2.9	100	0.00
22 T	Diisopropyl ether	50.000	50.484	-1.0	104	0.00
23 T	Vinyl Acetate	250.000	246.692	1.3	97	0.00
24 P	1,1-Dichloroethane	50.000	48.418	3.2	102	0.00
25 T	2-Butanone	250.000	237.147	5.1	91	0.00
26 T	2,2-Dichloropropane	50.000	45.785	8.4	97	0.00
27 T	cis-1,2-Dichloroethene	50.000	47.788	4.4	99	0.00
28 T	Bromochloromethane	50.000	47.862	4.3	84	0.00
29 T	Tetrahydrofuran	250.000	243.634	2.5	93	0.00
30 C	Chloroform	50.000	46.719	6.6#	99	0.00
31 T	Cyclohexane	50.000	45.997	8.0	98	0.00
32 T	1,1,1-Trichloroethane	50.000	46.245	7.5	98	0.00
33 S	1,2-Dichloroethane-d4	50.000	55.843	-11.7	103	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	106	0.00
35 S	Dibromofluoromethane	50.000	53.281	-6.6	104	0.00
36 T	1,1-Dichloropropene	50.000	46.928	6.1	96	0.00
37 T	Ethyl Acetate	50.000	48.781	2.4	96	0.00
38 T	Carbon Tetrachloride	50.000	46.420	7.2	97	0.00
39 T	Methylcyclohexane	50.000	47.988	4.0	98	0.00
40 TM	Benzene	50.000	48.584	2.8	101	0.00
41 T	Methacrylonitrile	50.000	46.782	6.4	87	0.01
42 TM	1,2-Dichloroethane	50.000	47.657	4.7	96	0.00
43 T	Isopropyl Acetate	50.000	48.201	3.6	95	0.00
44 TM	Trichloroethene	50.000	47.786	4.4	100	0.00
45 C	1,2-Dichloropropane	50.000	49.091	1.8#	102	0.00
46 T	Dibromomethane	50.000	48.697	2.6	99	0.00
47 T	Bromodichloromethane	50.000	47.684	4.6	99	0.00
48 T	Methyl methacrylate	50.000	48.288	3.4	91	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1003.502	-0.4	93	0.00
50 S	Toluene-d8	50.000	58.415	-16.8	105	0.00
51 T	4-Methyl-2-Pentanone	250.000	241.054	3.6	92	0.00
52 CM	Toluene	50.000	48.333	3.3#	100	0.00
53 T	t-1,3-Dichloropropene	50.000	48.337	3.3	96	0.00
54 T	cis-1,3-Dichloropropene	50.000	48.799	2.4	100	0.00
55 T	1,1,2-Trichloroethane	50.000	47.349	5.3	99	0.00
56 T	Ethyl methacrylate	50.000	49.521	1.0	96	0.00
57 T	1,3-Dichloropropane	50.000	48.607	2.8	98	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	217.836	12.9	81	0.00
59 T	2-Hexanone	250.000	245.259	1.9	91	0.00
60 T	Dibromochloromethane	50.000	47.755	4.5	98	0.00
61 T	1,2-Dibromoethane	50.000	47.815	4.4	97	0.00
62 S	4-Bromofluorobenzene	50.000	54.068	-8.1	107	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	108	0.00
64 T	Tetrachloroethene	50.000	45.680	8.6	97	0.00
65 PM	Chlorobenzene	50.000	47.349	5.3	102	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	46.250	7.5	100	0.00
67 C	Ethyl Benzene	50.000	47.100	5.8#	99	0.00
68 T	m/p-Xylenes	100.000	93.049	7.0	99	0.00
69 T	o-Xylene	50.000	47.007	6.0	101	0.00
70 T	Styrene	50.000	47.843	4.3	101	0.00
71 P	Bromoform	50.000	45.591	8.8	94	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	109	0.00
73 T	Isopropylbenzene	50.000	46.181	7.6	99	0.00
74 T	N-amyl acetate	50.000	48.324	3.4	95	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	44.994	10.0	92	0.00
76 T	1,2,3-Trichloropropane	50.000	49.082	1.8	109	0.00
77 T	Bromobenzene	50.000	46.073	7.9	99	0.00
78 T	n-propylbenzene	50.000	46.612	6.8	100	0.00
79 T	2-Chlorotoluene	50.000	46.407	7.2	100	0.00
80 T	1,3,5-Trimethylbenzene	50.000	46.628	6.7	100	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	47.367	5.3	93	0.00
82 T	4-Chlorotoluene	50.000	46.265	7.5	100	0.00
83 T	tert-Butylbenzene	50.000	45.915	8.2	100	0.00
84 T	1,2,4-Trimethylbenzene	50.000	46.798	6.4	99	0.00
85 T	sec-Butylbenzene	50.000	46.303	7.4	99	0.00
86 T	p-Isopropyltoluene	50.000	46.484	7.0	99	0.00
87 T	1,3-Dichlorobenzene	50.000	46.046	7.9	100	0.00
88 T	1,4-Dichlorobenzene	50.000	46.166	7.7	100	0.00
89 T	n-Butylbenzene	50.000	46.805	6.4	99	0.00
90 T	Hexachloroethane	50.000	44.956	10.1	99	0.00
91 T	1,2-Dichlorobenzene	50.000	45.596	8.8	99	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	42.803	14.4	91	0.00
93 T	1,2,4-Trichlorobenzene	50.000	47.483	5.0	99	0.00
94 T	Hexachlorobutadiene	50.000	47.449	5.1	104	0.00
95 T	Naphthalene	50.000	46.255	7.5	94	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	46.793	6.4	101	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 6