

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022625\
 Data File : VY021320.D
 Acq On : 26 Feb 2025 10:11
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Feb 27 00:33:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 26 02:09:13 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	111	0.00
2 T	Dichlorodifluoromethane	50.000	46.640	6.7	99	0.00
3 P	Chloromethane	50.000	47.473	5.1	107	0.00
4 C	Vinyl Chloride	50.000	48.798	2.4#	103	0.00
5 T	Bromomethane	50.000	46.361	7.3	106	0.00
6 T	Chloroethane	50.000	48.772	2.5	103	0.00
7 T	Trichlorofluoromethane	50.000	47.701	4.6	102	0.00
8 T	Diethyl Ether	50.000	49.537	0.9	104	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	47.169	5.7	102	0.00
10 T	Methyl Iodide	50.000	52.212	-4.4	100	0.00
11 T	Tert butyl alcohol	250.000	202.221	19.1	97	0.00
12 CM	1,1-Dichloroethene	50.000	48.413	3.2#	104	0.00
13 T	Acrolein	250.000	42.624	83.0#	94	0.00
14 T	Allyl chloride	50.000	50.242	-0.5	107	0.00
15 T	Acrylonitrile	250.000	241.892	3.2	101	0.00
16 T	Acetone	250.000	260.267	-4.1	98	0.00
17 T	Carbon Disulfide	50.000	48.712	2.6	104	0.00
18 T	Methyl Acetate	50.000	48.342	3.3	103	0.00
19 T	Methyl tert-butyl Ether	50.000	49.206	1.6	103	0.00
20 T	Methylene Chloride	50.000	45.263	9.5	101	0.00
21 T	trans-1,2-Dichloroethene	50.000	48.708	2.6	104	0.00
22 T	Diisopropyl ether	50.000	50.442	-0.9	105	0.00
23 T	Vinyl Acetate	250.000	249.197	0.3	102	0.00
24 P	1,1-Dichloroethane	50.000	49.069	1.9	104	0.00
25 T	2-Butanone	250.000	246.999	1.2	98	0.00
26 T	2,2-Dichloropropane	50.000	49.191	1.6	106	0.00
27 T	cis-1,2-Dichloroethene	50.000	50.053	-0.1	105	0.00
28 T	Bromochloromethane	50.000	47.247	5.5	106	0.00
29 T	Tetrahydrofuran	250.000	238.435	4.6	99	0.00
30 C	Chloroform	50.000	49.253	1.5#	105	0.00
31 T	Cyclohexane	50.000	46.094	7.8	103	0.00
32 T	1,1,1-Trichloroethane	50.000	48.795	2.4	105	0.00
33 S	1,2-Dichloroethane-d4	50.000	47.987	4.0	109	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	113	0.00
35 S	Dibromofluoromethane	50.000	48.743	2.5	111	0.00
36 T	1,1-Dichloropropene	50.000	48.254	3.5	104	0.00
37 T	Ethyl Acetate	50.000	48.080	3.8	104	0.00
38 T	Carbon Tetrachloride	50.000	48.402	3.2	104	0.00
39 T	Methylcyclohexane	50.000	46.422	7.2	99	0.00
40 TM	Benzene	50.000	48.593	2.8	105	0.00
41 T	Methacrylonitrile	50.000	42.766	14.5	90	0.00
42 TM	1,2-Dichloroethane	50.000	47.978	4.0	104	0.00
43 T	Isopropyl Acetate	50.000	47.984	4.0	100	0.00
44 TM	Trichloroethene	50.000	48.665	2.7	105	0.00
45 C	1,2-Dichloropropane	50.000	48.637	2.7#	104	0.00
46 T	Dibromomethane	50.000	48.195	3.6	103	0.00
47 T	Bromodichloromethane	50.000	48.352	3.3	103	0.00
48 T	Methyl methacrylate	50.000	48.481	3.0	98	0.00

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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)
49 T	1,4-Dioxane	1000.000	944.605	5.5	102	0.00
50 S	Toluene-d8	50.000	49.599	0.8	114	0.00
51 T	4-Methyl-2-Pentanone	250.000	240.853	3.7	99	0.00
52 CM	Toluene	50.000	49.351	1.3#	105	0.00
53 T	t-1,3-Dichloropropene	50.000	49.988	0.0	103	0.00
54 T	cis-1,3-Dichloropropene	50.000	49.192	1.6	104	0.00
55 T	1,1,2-Trichloroethane	50.000	47.334	5.3	100	0.00
56 T	Ethyl methacrylate	50.000	50.979	-2.0	101	0.00
57 T	1,3-Dichloropropane	50.000	49.183	1.6	104	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	234.614	6.2	92	0.00
59 T	2-Hexanone	250.000	249.476	0.2	98	0.00
60 T	Dibromochloromethane	50.000	48.867	2.3	102	0.00
61 T	1,2-Dibromoethane	50.000	47.532	4.9	100	0.00
62 S	4-Bromofluorobenzene	50.000	49.290	1.4	112	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	112	0.00
64 T	Tetrachloroethene	50.000	47.455	5.1	103	0.00
65 PM	Chlorobenzene	50.000	48.625	2.8	104	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.295	1.4	105	0.00
67 C	Ethyl Benzene	50.000	49.609	0.8#	104	0.00
68 T	m/p-Xylenes	100.000	98.298	1.7	103	0.00
69 T	o-Xylene	50.000	49.676	0.6	103	0.00
70 T	Styrene	50.000	50.431	-0.9	103	0.00
71 P	Bromoform	50.000	48.247	3.5	99	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	108	0.00
73 T	Isopropylbenzene	50.000	49.774	0.5	102	0.00
74 T	N-ethyl acetate	50.000	51.162	-2.3	100	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	48.150	3.7	99	0.00
76 T	1,2,3-Trichloropropane	50.000	40.055	19.9	83	0.00
77 T	Bromobenzene	50.000	49.529	0.9	103	0.00
78 T	n-propylbenzene	50.000	49.510	1.0	101	0.00
79 T	2-Chlorotoluene	50.000	49.181	1.6	103	0.00
80 T	1,3,5-Trimethylbenzene	50.000	49.604	0.8	102	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	49.724	0.6	100	0.00
82 T	4-Chlorotoluene	50.000	49.408	1.2	103	0.00
83 T	tert-Butylbenzene	50.000	48.765	2.5	102	0.00
84 T	1,2,4-Trimethylbenzene	50.000	49.846	0.3	102	0.00
85 T	sec-Butylbenzene	50.000	48.069	3.9	100	0.00
86 T	p-Isopropyltoluene	50.000	48.594	2.8	100	0.00
87 T	1,3-Dichlorobenzene	50.000	48.450	3.1	101	0.00
88 T	1,4-Dichlorobenzene	50.000	47.797	4.4	101	0.00
89 T	n-Butylbenzene	50.000	48.491	3.0	98	0.00
90 T	Hexachloroethane	50.000	47.306	5.4	101	0.00
91 T	1,2-Dichlorobenzene	50.000	48.457	3.1	101	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	47.306	5.4	95	0.00
93 T	1,2,4-Trichlorobenzene	50.000	47.769	4.5	99	0.00
94 T	Hexachlorobutadiene	50.000	45.603	8.8	97	0.00
95 T	Naphthalene	50.000	50.937	-1.9	98	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	47.779	4.4	98	0.00

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