

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051925\
 Data File : VY022327.D
 Acq On : 19 May 2025 18:52
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: May 20 01:17:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:42:09 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	57	0.00
2 T	Dichlorodifluoromethane	50.000	45.932	8.1	54	0.00
3 P	Chloromethane	50.000	68.912	-37.8#	83	0.00
4 C	Vinyl Chloride	50.000	73.305	-46.6#	85	0.00
5 T	Bromomethane	50.000	73.916	-47.8#	96	0.00
6 T	Chloroethane	50.000	80.834	-61.7#	93	0.00
7 T	Trichlorofluoromethane	50.000	56.793	-13.6	66	0.00
8 T	Diethyl Ether	50.000	53.455	-6.9	62	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	50.193	-0.4	57	0.00
10 T	Methyl Iodide	50.000	53.780	-7.6	56	0.00
11 T	Tert butyl alcohol	250.000	262.258	-4.9	65	0.00
12 CM	1,1-Dichloroethene	50.000	51.993	-4.0#	59	0.00
13 T	Acrolein	250.000	153.416	38.6#	38	0.00
14 T	Allyl chloride	50.000	46.931	6.1	53	0.00
15 T	Acrylonitrile	250.000	270.784	-8.3	63	0.00
16 T	Acetone	250.000	234.996	6.0	59	0.00
17 T	Carbon Disulfide	50.000	50.146	-0.3	57	0.00
18 T	Methyl Acetate	50.000	68.140	-36.3#	83	0.00
19 T	Methyl tert-butyl Ether	50.000	54.127	-8.3	63	0.00
20 T	Methylene Chloride	50.000	47.920	4.2	61	0.00
21 T	trans-1,2-Dichloroethene	50.000	51.315	-2.6	58	0.00
22 T	Diisopropyl ether	50.000	50.386	-0.8	57	0.00
23 T	Vinyl Acetate	250.000	233.700	6.5	54	0.00
24 P	1,1-Dichloroethane	50.000	51.700	-3.4	59	0.00
25 T	2-Butanone	250.000	249.742	0.1	61	0.00
26 T	2,2-Dichloropropane	50.000	47.186	5.6	54	0.00
27 T	cis-1,2-Dichloroethene	50.000	52.896	-5.8	60	0.00
28 T	Bromochloromethane	50.000	52.779	-5.6	60	0.00
29 T	Tetrahydrofuran	250.000	266.228	-6.5	63	0.00
30 C	Chloroform	50.000	54.377	-8.8#	61	0.00
31 T	Cyclohexane	50.000	45.699	8.6	55	0.00
32 T	1,1,1-Trichloroethane	50.000	50.969	-1.9	59	0.00
33 S	1,2-Dichloroethane-d4	50.000	52.714	-5.4	61	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	61	0.00
35 S	Dibromofluoromethane	50.000	50.001	-0.0	61	0.00
36 T	1,1-Dichloropropene	50.000	47.442	5.1	57	0.00
37 T	Ethyl Acetate	50.000	47.484	5.0	59	0.00
38 T	Carbon Tetrachloride	50.000	47.403	5.2	57	0.00
39 T	Methylcyclohexane	50.000	45.831	8.3	55	0.00
40 TM	Benzene	50.000	49.789	0.4	59	0.00
41 T	Methacrylonitrile	50.000	44.649	10.7	54	0.00
42 TM	1,2-Dichloroethane	50.000	50.248	-0.5	61	0.00
43 T	Isopropyl Acetate	50.000	47.761	4.5	59	0.00
44 TM	Trichloroethene	50.000	49.526	0.9	59	0.00
45 C	1,2-Dichloropropane	50.000	49.252	1.5#	59	0.00
46 T	Dibromomethane	50.000	52.440	-4.9	65	0.00
47 T	Bromodichloromethane	50.000	51.176	-2.4	61	0.00
48 T	Methyl methacrylate	50.000	46.167	7.7	57	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)

49 T	1,4-Dioxane	1000.000	1089.753	-9.0	70	0.00
50 S	Toluene-d8	50.000	49.467	1.1	60	0.00
51 T	4-Methyl-2-Pentanone	250.000	250.919	-0.4	62	0.00
52 CM	Toluene	50.000	49.408	1.2#	59	0.00
53 T	t-1,3-Dichloropropene	50.000	48.997	2.0	59	0.00
54 T	cis-1,3-Dichloropropene	50.000	49.431	1.1	59	0.00
55 T	1,1,2-Trichloroethane	50.000	51.373	-2.7	63	0.00
56 T	Ethyl methacrylate	50.000	50.422	-0.8	61	0.00
57 T	1,3-Dichloropropane	50.000	52.336	-4.7	63	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	254.207	-1.7	58	0.00
59 T	2-Hexanone	250.000	247.594	1.0	62	0.00
60 T	Dibromochloromethane	50.000	51.755	-3.5	62	0.00
61 T	1,2-Dibromoethane	50.000	51.918	-3.8	63	0.00
62 S	4-Bromofluorobenzene	50.000	48.110	3.8	59	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	62	0.00
64 T	Tetrachloroethene	50.000	48.675	2.7	59	0.00
65 PM	Chlorobenzene	50.000	49.314	1.4	60	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	48.874	2.3	60	0.00
67 C	Ethyl Benzene	50.000	48.197	3.6#	58	0.00
68 T	m/p-Xylenes	100.000	96.099	3.9	58	0.00
69 T	o-Xylene	50.000	48.750	2.5	59	0.00
70 T	Styrene	50.000	49.341	1.3	60	0.00
71 P	Bromoform	50.000	49.528	0.9	62	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	63	0.00
73 T	Isopropylbenzene	50.000	46.891	6.2	58	0.00
74 T	N-amyl acetate	50.000	43.774	12.5	56	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	50.422	-0.8	64	0.00
76 T	1,2,3-Trichloropropane	50.000	45.155	9.7	57	0.00
77 T	Bromobenzene	50.000	48.345	3.3	60	0.00
78 T	n-propylbenzene	50.000	46.693	6.6	57	0.00
79 T	2-Chlorotoluene	50.000	46.821	6.4	58	0.00
80 T	1,3,5-Trimethylbenzene	50.000	46.503	7.0	57	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	44.709	10.6	59	0.00
82 T	4-Chlorotoluene	50.000	46.384	7.2	57	0.00
83 T	tert-Butylbenzene	50.000	46.717	6.6	58	0.00
84 T	1,2,4-Trimethylbenzene	50.000	46.850	6.3	57	0.00
85 T	sec-Butylbenzene	50.000	46.648	6.7	57	0.00
86 T	p-Isopropyltoluene	50.000	46.328	7.3	57	0.00
87 T	1,3-Dichlorobenzene	50.000	47.349	5.3	58	0.00
88 T	1,4-Dichlorobenzene	50.000	47.182	5.6	59	0.00
89 T	n-Butylbenzene	50.000	45.725	8.5	55	0.00
90 T	Hexachloroethane	50.000	45.800	8.4	57	0.00
91 T	1,2-Dichlorobenzene	50.000	48.224	3.6	60	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	48.766	2.5	63	0.00
93 T	1,2,4-Trichlorobenzene	50.000	45.511	9.0	56	0.00
94 T	Hexachlorobutadiene	50.000	42.563	14.9	52	0.00
95 T	Naphthalene	50.000	49.284	1.4	62	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	46.108	7.8	57	0.00

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