

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061825\
 Data File : VY022740.D
 Acq On : 18 Jun 2025 16:04
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 19 04:02:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 10 15:26:14 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	62	0.00
2 T	Dichlorodifluoromethane	50.000	43.638	12.7	58	0.00
3 P	Chloromethane	50.000	48.901	2.2	65	0.00
4 C	Vinyl Chloride	50.000	60.399	-20.8#	76	0.00
5 T	Bromomethane	50.000	51.266	-2.5	75	0.00
6 T	Chloroethane	50.000	64.965	-29.9#	87	0.00
7 T	Trichlorofluoromethane	50.000	62.438	-24.9	82	-0.01
8 T	Diethyl Ether	50.000	54.774	-9.5	68	-0.01
9 T	1,1,2-Trichlorotrifluoroeth	50.000	52.085	-4.2	65	0.00
10 T	Methyl Iodide	50.000	51.015	-2.0	58	0.00
11 T	Tert butyl alcohol	250.000	300.551	-20.2	75	-0.02
12 CM	1,1-Dichloroethene	50.000	52.562	-5.1#	65	0.00
13 T	Acrolein	250.000	80.831	67.7#	21	0.00
14 T	Allyl chloride	50.000	50.596	-1.2	64	-0.01
15 T	Acrylonitrile	250.000	299.570	-19.8	73	0.00
16 T	Acetone	250.000	253.058	-1.2	61	0.00
17 T	Carbon Disulfide	50.000	47.734	4.5	59	0.00
18 T	Methyl Acetate	50.000	70.152	-40.3#	87	-0.01
19 T	Methyl tert-butyl Ether	50.000	56.236	-12.5	70	-0.01
20 T	Methylene Chloride	50.000	51.955	-3.9	72	-0.01
21 T	trans-1,2-Dichloroethene	50.000	53.680	-7.4	68	0.00
22 T	Diisopropyl ether	50.000	53.818	-7.6	67	0.00
23 T	Vinyl Acetate	250.000	261.757	-4.7	64	-0.01
24 P	1,1-Dichloroethane	50.000	56.384	-12.8	71	0.00
25 T	2-Butanone	250.000	288.289	-15.3	69	-0.01
26 T	2,2-Dichloropropane	50.000	51.222	-2.4	63	-0.01
27 T	cis-1,2-Dichloroethene	50.000	55.435	-10.9	68	0.00
28 T	Bromochloromethane	50.000	55.020	-10.0	70	-0.01
29 T	Tetrahydrofuran	250.000	288.346	-15.3	72	0.00
30 C	Chloroform	50.000	57.044	-14.1#	71	0.00
31 T	Cyclohexane	50.000	46.989	6.0	61	-0.01
32 T	1,1,1-Trichloroethane	50.000	55.616	-11.2	68	0.00
33 S	1,2-Dichloroethane-d4	50.000	55.820	-11.6	65	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	65	0.00
35 S	Dibromofluoromethane	50.000	55.642	-11.3	67	0.00
36 T	1,1-Dichloropropene	50.000	50.978	-2.0	65	0.00
37 T	Ethyl Acetate	50.000	54.211	-8.4	66	-0.01
38 T	Carbon Tetrachloride	50.000	52.600	-5.2	66	0.00
39 T	Methylcyclohexane	50.000	47.706	4.6	61	0.00
40 TM	Benzene	50.000	54.060	-8.1	69	0.00
41 T	Methacrylonitrile	50.000	57.118	-14.2	74	-0.02
42 TM	1,2-Dichloroethane	50.000	55.362	-10.7	72	-0.01
43 T	Isopropyl Acetate	50.000	54.124	-8.2	68	0.00
44 TM	Trichloroethene	50.000	53.614	-7.2	68	0.00
45 C	1,2-Dichloropropane	50.000	55.269	-10.5#	70	0.00
46 T	Dibromomethane	50.000	56.711	-13.4	72	0.00
47 T	Bromodichloromethane	50.000	56.832	-13.7	72	0.00
48 T	Methyl methacrylate	50.000	53.419	-6.8	68	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1208.332	-20.8	80	-0.01
50 S	Toluene-d8	50.000	53.075	-6.2	65	0.00
51 T	4-Methyl-2-Pentanone	250.000	288.133	-15.3	71	0.00
52 CM	Toluene	50.000	53.529	-7.1#	69	0.00
53 T	t-1,3-Dichloropropene	50.000	55.186	-10.4	70	0.00
54 T	cis-1,3-Dichloropropene	50.000	54.481	-9.0	69	0.00
55 T	1,1,2-Trichloroethane	50.000	58.634	-17.3	76	0.00
56 T	Ethyl methacrylate	50.000	55.672	-11.3	69	0.00
57 T	1,3-Dichloropropane	50.000	56.396	-12.8	72	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	308.028	-23.2	79	0.00
59 T	2-Hexanone	250.000	290.507	-16.2	72	0.00
60 T	Dibromochloromethane	50.000	56.731	-13.5	72	0.00
61 T	1,2-Dibromoethane	50.000	57.728	-15.5	74	0.00
62 S	4-Bromofluorobenzene	50.000	52.435	-4.9	65	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	66	0.00
64 T	Tetrachloroethene	50.000	52.579	-5.2	68	0.00
65 PM	Chlorobenzene	50.000	52.828	-5.7	69	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	54.999	-10.0	71	0.00
67 C	Ethyl Benzene	50.000	52.350	-4.7#	68	0.00
68 T	m/p-Xylenes	100.000	105.364	-5.4	69	0.00
69 T	o-Xylene	50.000	52.711	-5.4	69	0.00
70 T	Styrene	50.000	54.341	-8.7	70	0.00
71 P	Bromoform	50.000	55.496	-11.0	72	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	70	0.00
73 T	Isopropylbenzene	50.000	49.664	0.7	69	0.00
74 T	N-ethyl acetate	50.000	50.870	-1.7	68	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	55.619	-11.2	76	0.00
76 T	1,2,3-Trichloropropane	50.000	50.445	-0.9	64	0.00
77 T	Bromobenzene	50.000	52.037	-4.1	72	0.00
78 T	n-propylbenzene	50.000	49.821	0.4	69	0.00
79 T	2-Chlorotoluene	50.000	50.105	-0.2	69	0.00
80 T	1,3,5-Trimethylbenzene	50.000	50.771	-1.5	70	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	48.054	3.9	68	0.00
82 T	4-Chlorotoluene	50.000	50.332	-0.7	69	0.00
83 T	tert-Butylbenzene	50.000	51.069	-2.1	71	0.00
84 T	1,2,4-Trimethylbenzene	50.000	50.458	-0.9	70	0.00
85 T	sec-Butylbenzene	50.000	51.228	-2.5	71	0.00
86 T	p-Isopropyltoluene	50.000	51.327	-2.7	71	0.00
87 T	1,3-Dichlorobenzene	50.000	52.389	-4.8	74	0.00
88 T	1,4-Dichlorobenzene	50.000	52.135	-4.3	73	0.00
89 T	n-Butylbenzene	50.000	51.189	-2.4	70	0.00
90 T	Hexachloroethane	50.000	52.278	-4.6	72	0.00
91 T	1,2-Dichlorobenzene	50.000	52.306	-4.6	72	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	59.942	-19.9	78	0.00
93 T	1,2,4-Trichlorobenzene	50.000	54.570	-9.1	75	0.00
94 T	Hexachlorobutadiene	50.000	54.224	-8.4	76	0.00
95 T	Naphthalene	50.000	60.007	-20.0	80	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	56.445	-12.9	78	0.00

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