

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110325\
 Data File : VY023647.D
 Acq On : 03 Nov 2025 09:25
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 04 01:28:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 08 05:12:50 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	84	0.00
2 T	Dichlorodifluoromethane	50.000	42.279	15.4	80	0.00
3 P	Chloromethane	50.000	41.906	16.2	77	0.00
4 C	Vinyl Chloride	50.000	44.739	10.5#	80	0.00
5 T	Bromomethane	50.000	43.356	13.3	83	0.00
6 T	Chloroethane	50.000	48.003	4.0	85	0.00
7 T	Trichlorofluoromethane	50.000	49.884	0.2	88	0.00
8 T	Diethyl Ether	50.000	52.299	-4.6	95	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	53.977	-8.0	96	0.00
10 T	Methyl Iodide	50.000	58.260	-16.5	93	0.00
11 T	Tert butyl alcohol	250.000	270.215	-8.1	113	0.00
12 CM	1,1-Dichloroethene	50.000	51.933	-3.9#	91	0.00
13 T	Acrolein	250.000	37.798	84.9#	13	0.00
14 T	Allyl chloride	50.000	54.102	-8.2	94	0.01
15 T	Acrylonitrile	250.000	270.161	-8.1	99	0.00
16 T	Acetone	250.000	274.111	-9.6	110	0.00
17 T	Carbon Disulfide	50.000	46.607	6.8	82	0.00
18 T	Methyl Acetate	50.000	65.693	-31.4#	118	0.00
19 T	Methyl tert-butyl Ether	50.000	55.787	-11.6	99	0.00
20 T	Methylene Chloride	50.000	47.601	4.8	94	0.00
21 T	trans-1,2-Dichloroethene	50.000	53.326	-6.7	94	0.00
22 T	Diisopropyl ether	50.000	56.552	-13.1	98	0.00
23 T	Vinyl Acetate	250.000	261.811	-4.7	92	0.00
24 P	1,1-Dichloroethane	50.000	55.093	-10.2	97	0.00
25 T	2-Butanone	250.000	264.561	-5.8	103	0.00
26 T	2,2-Dichloropropane	50.000	57.071	-14.1	99	0.00
27 T	cis-1,2-Dichloroethene	50.000	55.888	-11.8	98	0.00
28 T	Bromochloromethane	50.000	47.217	5.6	89	0.00
29 T	Tetrahydrofuran	250.000	265.445	-6.2	97	0.00
30 C	Chloroform	50.000	56.851	-13.7#	100	0.00
31 T	Cyclohexane	50.000	49.679	0.6	90	0.00
32 T	1,1,1-Trichloroethane	50.000	55.882	-11.8	97	0.00
33 S	1,2-Dichloroethane-d4	50.000	47.530	4.9	85	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	83	0.00
35 S	Dibromofluoromethane	50.000	50.659	-1.3	87	0.00
36 T	1,1-Dichloropropene	50.000	56.323	-12.6	96	0.00
37 T	Ethyl Acetate	50.000	52.518	-5.0	94	0.00
38 T	Carbon Tetrachloride	50.000	56.549	-13.1	97	0.00
39 T	Methylcyclohexane	50.000	54.255	-8.5	91	0.00
40 TM	Benzene	50.000	56.320	-12.6	96	0.00
41 T	Methacrylonitrile	50.000	50.909	-1.8	93	0.00
42 TM	1,2-Dichloroethane	50.000	54.890	-9.8	97	0.00
43 T	Isopropyl Acetate	50.000	53.541	-7.1	95	0.00
44 TM	Trichloroethene	50.000	55.399	-10.8	95	0.00
45 C	1,2-Dichloropropane	50.000	57.032	-14.1#	99	0.00
46 T	Dibromomethane	50.000	56.159	-12.3	97	0.00
47 T	Bromodichloromethane	50.000	57.004	-14.0	98	0.00
48 T	Methyl methacrylate	50.000	55.250	-10.5	94	0.00

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

49 T	1,4-Dioxane	1000.000	1049.697	-5.0	92	0.00
50 S	Toluene-d8	50.000	50.059	-0.1	85	0.00
51 T	4-Methyl-2-Pentanone	250.000	287.521	-15.0	100	0.00
52 CM	Toluene	50.000	57.279	-14.6#	97	0.00
53 T	t-1,3-Dichloropropene	50.000	56.723	-13.4	97	0.00
54 T	cis-1,3-Dichloropropene	50.000	56.902	-13.8	97	0.00
55 T	1,1,2-Trichloroethane	50.000	57.383	-14.8	100	0.00
56 T	Ethyl methacrylate	50.000	57.270	-14.5	96	0.00
57 T	1,3-Dichloropropane	50.000	56.498	-13.0	97	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	278.254	-11.3	90	0.00
59 T	2-Hexanone	250.000	283.674	-13.5	100	0.00
60 T	Dibromochloromethane	50.000	57.128	-14.3	99	0.00
61 T	1,2-Dibromoethane	50.000	55.991	-12.0	97	0.00
62 S	4-Bromofluorobenzene	50.000	50.673	-1.3	87	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	84	0.00
64 T	Tetrachloroethene	50.000	57.906	-15.8	96	0.00
65 PM	Chlorobenzene	50.000	55.709	-11.4	96	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	57.820	-15.6	101	0.00
67 C	Ethyl Benzene	50.000	58.039	-16.1#	96	0.00
68 T	m/p-Xylenes	100.000	115.295	-15.3	95	0.00
69 T	o-Xylene	50.000	58.108	-16.2	96	0.00
70 T	Styrene	50.000	58.450	-16.9	96	0.00
71 P	Bromoform	50.000	55.997	-12.0	98	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	81	0.00
73 T	Isopropylbenzene	50.000	60.245	-20.5	97	0.00
74 T	N-ethyl acetate	50.000	53.654	-7.3	89	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	56.142	-12.3	98	0.00
76 T	1,2,3-Trichloropropane	50.000	52.363	-4.7	86	0.00
77 T	Bromobenzene	50.000	57.017	-14.0	96	0.00
78 T	n-propylbenzene	50.000	60.302	-20.6	96	0.00
79 T	2-Chlorotoluene	50.000	58.799	-17.6	96	0.00
80 T	1,3,5-Trimethylbenzene	50.000	60.432	-20.9	96	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	56.419	-12.8	97	0.00
82 T	4-Chlorotoluene	50.000	58.419	-16.8	96	0.00
83 T	tert-Butylbenzene	50.000	60.401	-20.8	95	0.00
84 T	1,2,4-Trimethylbenzene	50.000	59.536	-19.1	95	0.00
85 T	sec-Butylbenzene	50.000	60.305	-20.6	96	0.00
86 T	p-Isopropyltoluene	50.000	59.959	-19.9	94	0.00
87 T	1,3-Dichlorobenzene	50.000	55.872	-11.7	93	0.00
88 T	1,4-Dichlorobenzene	50.000	55.070	-10.1	93	0.00
89 T	n-Butylbenzene	50.000	59.536	-19.1	94	0.00
90 T	Hexachloroethane	50.000	57.201	-14.4	96	0.00
91 T	1,2-Dichlorobenzene	50.000	55.355	-10.7	93	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	52.223	-4.4	90	0.00
93 T	1,2,4-Trichlorobenzene	50.000	52.147	-4.3	86	0.00
94 T	Hexachlorobutadiene	50.000	54.398	-8.8	89	0.00
95 T	Naphthalene	50.000	50.912	-1.8	84	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.559	-1.1	83	0.00

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