

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071825\
 Data File : VY022997.D
 Acq On : 18 Jul 2025 14:02
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY071825

Quant Time: Jul 19 01:54:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071825S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 19 01:50:49 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	90	0.00
2 T	Dichlorodifluoromethane	50.000	45.684	8.6	95	0.00
3 P	Chloromethane	50.000	49.585	0.8	105	0.00
4 C	Vinyl Chloride	50.000	50.127	-0.3#	100	0.00
5 T	Bromomethane	50.000	49.431	1.1	106	0.00
6 T	Chloroethane	50.000	50.317	-0.6	100	0.00
7 T	Trichlorofluoromethane	50.000	48.293	3.4	95	0.00
8 T	Diethyl Ether	50.000	47.110	5.8	95	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.497	3.0	97	0.00
10 T	Methyl Iodide	50.000	45.946	8.1	85	0.00
11 T	Tert butyl alcohol	250.000	265.607	-6.2	100	0.00
12 CM	1,1-Dichloroethene	50.000	48.659	2.7#	98	0.00
13 T	Acrolein	250.000	131.522	47.4#	93	0.00
14 T	Allyl chloride	50.000	49.474	1.1	98	0.00
15 T	Acrylonitrile	250.000	256.502	-2.6	99	0.00
16 T	Acetone	250.000	218.434	12.6	94	0.00
17 T	Carbon Disulfide	50.000	47.999	4.0	97	0.00
18 T	Methyl Acetate	50.000	51.459	-2.9	89	0.00
19 T	Methyl tert-butyl Ether	50.000	50.446	-0.9	98	0.00
20 T	Methylene Chloride	50.000	49.355	1.3	95	0.00
21 T	trans-1,2-Dichloroethene	50.000	49.197	1.6	99	0.00
22 T	Diisopropyl ether	50.000	50.987	-2.0	99	0.00
23 T	Vinyl Acetate	250.000	260.680	-4.3	101	0.00
24 P	1,1-Dichloroethane	50.000	49.723	0.6	98	0.00
25 T	2-Butanone	250.000	248.403	0.6	96	0.00
26 T	2,2-Dichloropropane	50.000	47.970	4.1	96	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.681	0.6	97	0.00
28 T	Bromochloromethane	50.000	50.281	-0.6	95	0.00
29 T	Tetrahydrofuran	250.000	262.377	-5.0	97	0.00
30 C	Chloroform	50.000	49.239	1.5#	98	0.00
31 T	Cyclohexane	50.000	47.772	4.5	99	0.00
32 T	1,1,1-Trichloroethane	50.000	48.396	3.2	96	0.00
33 S	1,2-Dichloroethane-d4	50.000	49.273	1.5	95	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	95	0.00
35 S	Dibromofluoromethane	50.000	47.188	5.6	94	0.00
36 T	1,1-Dichloropropene	50.000	48.190	3.6	97	0.00
37 T	Ethyl Acetate	50.000	49.138	1.7	98	0.00
38 T	Carbon Tetrachloride	50.000	47.594	4.8	96	0.00
39 T	Methylcyclohexane	50.000	49.705	0.6	100	0.00
40 TM	Benzene	50.000	48.756	2.5	98	0.00
41 T	Methacrylonitrile	50.000	51.019	-2.0	98	0.00
42 TM	1,2-Dichloroethane	50.000	48.885	2.2	97	0.00
43 T	Isopropyl Acetate	50.000	51.356	-2.7	98	0.00
44 TM	Trichloroethene	50.000	46.984	6.0	94	0.00
45 C	1,2-Dichloropropane	50.000	48.601	2.8#	99	0.00
46 T	Dibromomethane	50.000	48.105	3.8	95	0.00
47 T	Bromodichloromethane	50.000	48.715	2.6	98	0.00
48 T	Methyl methacrylate	50.000	51.856	-3.7	97	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1039.077	-3.9	99	0.00
50 S	Toluene-d8	50.000	47.728	4.5	94	0.00
51 T	4-Methyl-2-Pentanone	250.000	263.650	-5.5	98	0.00
52 CM	Toluene	50.000	49.377	1.2#	98	0.00
53 T	t-1,3-Dichloropropene	50.000	49.810	0.4	98	0.00
54 T	cis-1,3-Dichloropropene	50.000	48.953	2.1	98	0.00
55 T	1,1,2-Trichloroethane	50.000	48.860	2.3	97	0.00
56 T	Ethyl methacrylate	50.000	52.383	-4.8	98	0.00
57 T	1,3-Dichloropropane	50.000	49.619	0.8	99	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	255.234	-2.1	90	0.00
59 T	2-Hexanone	250.000	261.717	-4.7	96	0.00
60 T	Dibromochloromethane	50.000	48.997	2.0	96	0.00
61 T	1,2-Dibromoethane	50.000	49.692	0.6	97	0.00
62 S	4-Bromofluorobenzene	50.000	47.544	4.9	97	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	94	0.00
64 T	Tetrachloroethene	50.000	45.898	8.2	86	0.00
65 PM	Chlorobenzene	50.000	48.547	2.9	97	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	48.281	3.4	97	0.00
67 C	Ethyl Benzene	50.000	50.355	-0.7#	99	0.00
68 T	m/p-Xylenes	100.000	100.584	-0.6	99	0.00
69 T	o-Xylene	50.000	50.815	-1.6	100	0.00
70 T	Styrene	50.000	50.903	-1.8	99	0.00
71 P	Bromoform	50.000	49.825	0.3	99	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	96	0.00
73 T	Isopropylbenzene	50.000	49.302	1.4	99	0.00
74 T	N-ethyl acetate	50.000	52.247	-4.5	101	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	49.985	0.0	105	0.00
76 T	1,2,3-Trichloropropane	50.000	48.332	3.3	97	0.00
77 T	Bromobenzene	50.000	48.030	3.9	98	0.00
78 T	n-propylbenzene	50.000	50.062	-0.1	100	0.00
79 T	2-Chlorotoluene	50.000	49.359	1.3	101	0.00
80 T	1,3,5-Trimethylbenzene	50.000	50.127	-0.3	100	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	46.452	7.1	93	0.00
82 T	4-Chlorotoluene	50.000	49.261	1.5	99	0.00
83 T	tert-Butylbenzene	50.000	50.676	-1.4	101	0.00
84 T	1,2,4-Trimethylbenzene	50.000	50.349	-0.7	101	0.00
85 T	sec-Butylbenzene	50.000	50.832	-1.7	102	0.00
86 T	p-Isopropyltoluene	50.000	51.605	-3.2	102	0.00
87 T	1,3-Dichlorobenzene	50.000	48.983	2.0	100	0.00
88 T	1,4-Dichlorobenzene	50.000	48.393	3.2	99	0.00
89 T	n-Butylbenzene	50.000	51.565	-3.1	103	0.00
90 T	Hexachloroethane	50.000	49.436	1.1	102	0.00
91 T	1,2-Dichlorobenzene	50.000	48.252	3.5	98	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	49.725	0.5	97	0.00
93 T	1,2,4-Trichlorobenzene	50.000	48.859	2.3	98	0.00
94 T	Hexachlorobutadiene	50.000	47.217	5.6	100	0.00
95 T	Naphthalene	50.000	51.062	-2.1	94	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	48.924	2.2	96	0.00

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