

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062525\
 Data File : VY022836.D
 Acq On : 25 Jun 2025 19:59
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 26 01:30:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 24 08:29:52 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	85	0.00
2 T	Dichlorodifluoromethane	50.000	44.067	11.9	76	0.00
3 P	Chloromethane	50.000	45.492	9.0	80	0.00
4 C	Vinyl Chloride	50.000	48.484	3.0#	81	0.00
5 T	Bromomethane	50.000	48.116	3.8	85	0.00
6 T	Chloroethane	50.000	50.504	-1.0	85	-0.01
7 T	Trichlorofluoromethane	50.000	46.205	7.6	76	0.00
8 T	Diethyl Ether	50.000	49.421	1.2	82	-0.01
9 T	1,1,2-Trichlorotrifluoroeth	50.000	46.212	7.6	79	0.00
10 T	Methyl Iodide	50.000	52.315	-4.6	80	0.00
11 T	Tert butyl alcohol	250.000	236.329	5.5	78	-0.03
12 CM	1,1-Dichloroethene	50.000	48.215	3.6#	81	-0.02
13 T	Acrolein	250.000	259.058	-3.6	90	-0.01
14 T	Allyl chloride	50.000	46.827	6.3	78	-0.01
15 T	Acrylonitrile	250.000	248.693	0.5	82	-0.01
16 T	Acetone	250.000	201.880	19.2	76	-0.01
17 T	Carbon Disulfide	50.000	48.276	3.4	81	-0.01
18 T	Methyl Acetate	50.000	48.720	2.6	83	-0.01
19 T	Methyl tert-butyl Ether	50.000	50.042	-0.1	82	-0.02
20 T	Methylene Chloride	50.000	45.776	8.4	88	-0.01
21 T	trans-1,2-Dichloroethene	50.000	49.111	1.8	82	-0.01
22 T	Diisopropyl ether	50.000	49.544	0.9	82	-0.01
23 T	Vinyl Acetate	250.000	243.604	2.6	79	-0.02
24 P	1,1-Dichloroethane	50.000	49.493	1.0	82	-0.01
25 T	2-Butanone	250.000	233.437	6.6	80	-0.01
26 T	2,2-Dichloropropane	50.000	39.710	20.6	67	-0.01
27 T	cis-1,2-Dichloroethene	50.000	50.250	-0.5	84	-0.01
28 T	Bromochloromethane	50.000	47.834	4.3	78	-0.01
29 T	Tetrahydrofuran	250.000	242.966	2.8	79	-0.01
30 C	Chloroform	50.000	49.882	0.2#	84	0.00
31 T	Cyclohexane	50.000	44.479	11.0	77	-0.01
32 T	1,1,1-Trichloroethane	50.000	48.629	2.7	81	0.00
33 S	1,2-Dichloroethane-d4	50.000	50.927	-1.9	87	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	88	0.00
35 S	Dibromofluoromethane	50.000	49.351	1.3	86	0.00
36 T	1,1-Dichloropropene	50.000	46.600	6.8	80	0.00
37 T	Ethyl Acetate	50.000	47.233	5.5	80	-0.01
38 T	Carbon Tetrachloride	50.000	46.337	7.3	80	0.00
39 T	Methylcyclohexane	50.000	45.394	9.2	77	-0.01
40 TM	Benzene	50.000	48.541	2.9	82	0.00
41 T	Methacrylonitrile	50.000	44.573	10.9	80	-0.01
42 TM	1,2-Dichloroethane	50.000	49.207	1.6	84	0.00
43 T	Isopropyl Acetate	50.000	47.980	4.0	80	0.00
44 TM	Trichloroethene	50.000	49.264	1.5	82	0.00
45 C	1,2-Dichloropropane	50.000	48.176	3.6#	83	0.00
46 T	Dibromomethane	50.000	48.667	2.7	84	0.00
47 T	Bromodichloromethane	50.000	48.950	2.1	83	0.00
48 T	Methyl methacrylate	50.000	48.634	2.7	79	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	970.450	3.0	82	-0.02
50 S	Toluene-d8	50.000	49.983	0.0	87	0.00
51 T	4-Methyl-2-Pentanone	250.000	247.764	0.9	81	0.00
52 CM	Toluene	50.000	49.592	0.8#	84	-0.01
53 T	t-1,3-Dichloropropene	50.000	46.782	6.4	79	0.00
54 T	cis-1,3-Dichloropropene	50.000	47.232	5.5	80	0.00
55 T	1,1,2-Trichloroethane	50.000	49.101	1.8	83	0.00
56 T	Ethyl methacrylate	50.000	49.973	0.1	81	-0.01
57 T	1,3-Dichloropropane	50.000	48.270	3.5	82	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	232.033	7.2	82	0.00
59 T	2-Hexanone	250.000	241.911	3.2	80	0.00
60 T	Dibromochloromethane	50.000	49.364	1.3	83	0.00
61 T	1,2-Dibromoethane	50.000	49.233	1.5	83	0.00
62 S	4-Bromofluorobenzene	50.000	49.240	1.5	87	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	90	0.00
64 T	Tetrachloroethene	50.000	50.922	-1.8	84	0.00
65 PM	Chlorobenzene	50.000	48.000	4.0	84	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	48.484	3.0	84	0.00
67 C	Ethyl Benzene	50.000	48.597	2.8#	83	0.00
68 T	m/p-Xylenes	100.000	97.824	2.2	84	-0.01
69 T	o-Xylene	50.000	49.341	1.3	85	0.00
70 T	Styrene	50.000	49.829	0.3	84	0.00
71 P	Bromoform	50.000	48.134	3.7	84	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	88	0.00
73 T	Isopropylbenzene	50.000	47.720	4.6	82	0.00
74 T	N-ethyl acetate	50.000	48.745	2.5	79	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	44.572	10.9	82	0.00
76 T	1,2,3-Trichloropropane	50.000	46.182	7.6	81	0.00
77 T	Bromobenzene	50.000	48.179	3.6	83	0.00
78 T	n-propylbenzene	50.000	47.405	5.2	82	0.00
79 T	2-Chlorotoluene	50.000	47.912	4.2	83	0.00
80 T	1,3,5-Trimethylbenzene	50.000	48.659	2.7	84	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	41.091	17.8	74	0.00
82 T	4-Chlorotoluene	50.000	48.066	3.9	83	0.00
83 T	tert-Butylbenzene	50.000	48.214	3.6	82	0.00
84 T	1,2,4-Trimethylbenzene	50.000	48.468	3.1	82	0.00
85 T	sec-Butylbenzene	50.000	48.075	3.8	82	0.00
86 T	p-Isopropyltoluene	50.000	47.746	4.5	81	0.00
87 T	1,3-Dichlorobenzene	50.000	47.703	4.6	83	-0.01
88 T	1,4-Dichlorobenzene	50.000	47.161	5.7	82	0.00
89 T	n-Butylbenzene	50.000	46.162	7.7	79	-0.01
90 T	Hexachloroethane	50.000	47.088	5.8	81	-0.01
91 T	1,2-Dichlorobenzene	50.000	47.123	5.8	82	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	45.862	8.3	79	0.00
93 T	1,2,4-Trichlorobenzene	50.000	43.763	12.5	77	0.00
94 T	Hexachlorobutadiene	50.000	42.793	14.4	77	0.00
95 T	Naphthalene	50.000	46.609	6.8	78	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	44.510	11.0	78	0.00

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