

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051925\
 Data File : VY022303.D
 Acq On : 19 May 2025 08:27
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: May 20 01:07:15 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	85	0.00
2 T	Dichlorodifluoromethane	50.000	46.127	7.7	80	0.00
3 P	Chloromethane	50.000	48.418	3.2	86	0.00
4 C	Vinyl Chloride	50.000	50.673	-1.3#	87	0.00
5 T	Bromomethane	50.000	48.993	2.0	94	0.00
6 T	Chloroethane	50.000	54.484	-9.0	93	0.00
7 T	Trichlorofluoromethane	50.000	48.797	2.4	85	0.00
8 T	Diethyl Ether	50.000	44.967	10.1	77	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.586	0.8	84	0.00
10 T	Methyl Iodide	50.000	49.353	1.3	76	0.00
11 T	Tert butyl alcohol	250.000	206.836	17.3	76	0.00
12 CM	1,1-Dichloroethene	50.000	48.560	2.9#	82	0.00
13 T	Acrolein	250.000	135.173	45.9#	50	0.00
14 T	Allyl chloride	50.000	44.412	11.2	74	0.00
15 T	Acrylonitrile	250.000	215.208	13.9	75	0.00
16 T	Acetone	250.000	198.172	20.7	74	0.00
17 T	Carbon Disulfide	50.000	47.162	5.7	80	0.00
18 T	Methyl Acetate	50.000	40.670	18.7	74	0.00
19 T	Methyl tert-butyl Ether	50.000	44.815	10.4	77	0.00
20 T	Methylene Chloride	50.000	40.894	18.2	77	0.00
21 T	trans-1,2-Dichloroethene	50.000	47.410	5.2	80	0.00
22 T	Diisopropyl ether	50.000	43.870	12.3	74	0.00
23 T	Vinyl Acetate	250.000	212.665	14.9	73	0.00
24 P	1,1-Dichloroethane	50.000	46.546	6.9	78	0.00
25 T	2-Butanone	250.000	200.639	19.7	72	0.00
26 T	2,2-Dichloropropane	50.000	47.772	4.5	81	0.00
27 T	cis-1,2-Dichloroethene	50.000	46.812	6.4	78	0.00
28 T	Bromochloromethane	50.000	45.966	8.1	78	0.00
29 T	Tetrahydrofuran	250.000	209.360	16.3	73	0.00
30 C	Chloroform	50.000	47.434	5.1#	79	0.00
31 T	Cyclohexane	50.000	45.534	8.9	81	0.00
32 T	1,1,1-Trichloroethane	50.000	47.688	4.6	81	0.00
33 S	1,2-Dichloroethane-d4	50.000	46.309	7.4	79	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	85	0.00
35 S	Dibromofluoromethane	50.000	48.294	3.4	81	0.00
36 T	1,1-Dichloropropene	50.000	48.649	2.7	80	0.00
37 T	Ethyl Acetate	50.000	42.138	15.7	72	0.00
38 T	Carbon Tetrachloride	50.000	49.136	1.7	82	0.00
39 T	Methylcyclohexane	50.000	49.884	0.2	83	0.00
40 TM	Benzene	50.000	47.813	4.4	79	0.00
41 T	Methacrylonitrile	50.000	37.986	24.0	64	0.00
42 TM	1,2-Dichloroethane	50.000	45.719	8.6	76	0.00
43 T	Isopropyl Acetate	50.000	42.921	14.2	73	0.00
44 TM	Trichloroethene	50.000	48.183	3.6	80	0.00
45 C	1,2-Dichloropropane	50.000	46.575	6.8#	78	0.00
46 T	Dibromomethane	50.000	45.943	8.1	78	0.00
47 T	Bromodichloromethane	50.000	47.343	5.3	78	0.00
48 T	Methyl methacrylate	50.000	41.892	16.2	71	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	894.779	10.5	79	0.00
50 S	Toluene-d8	50.000	48.568	2.9	82	0.00
51 T	4-Methyl-2-Pentanone	250.000	210.035	16.0	71	0.00
52 CM	Toluene	50.000	47.193	5.6#	78	0.00
53 T	t-1,3-Dichloropropene	50.000	45.752	8.5	76	0.00
54 T	cis-1,3-Dichloropropene	50.000	46.324	7.4	77	0.00
55 T	1,1,2-Trichloroethane	50.000	44.549	10.9	75	0.00
56 T	Ethyl methacrylate	50.000	44.416	11.2	75	0.00
57 T	1,3-Dichloropropane	50.000	45.530	8.9	76	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	246.231	1.5	77	0.00
59 T	2-Hexanone	250.000	206.627	17.3	71	0.00
60 T	Dibromochloromethane	50.000	46.983	6.0	78	0.00
61 T	1,2-Dibromoethane	50.000	46.111	7.8	78	0.00
62 S	4-Bromofluorobenzene	50.000	46.007	8.0	78	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	83	0.00
64 T	Tetrachloroethene	50.000	48.679	2.6	79	0.00
65 PM	Chlorobenzene	50.000	47.994	4.0	78	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	47.229	5.5	77	0.00
67 C	Ethyl Benzene	50.000	48.485	3.0#	78	0.00
68 T	m/p-Xylenes	100.000	96.343	3.7	78	0.00
69 T	o-Xylene	50.000	47.429	5.1	77	0.00
70 T	Styrene	50.000	47.020	6.0	76	0.00
71 P	Bromoform	50.000	45.269	9.5	75	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	80	0.00
73 T	Isopropylbenzene	50.000	49.626	0.7	78	0.00
74 T	N-amyl acetate	50.000	44.094	11.8	72	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	46.994	6.0	76	0.00
76 T	1,2,3-Trichloropropane	50.000	47.620	4.8	77	0.00
77 T	Bromobenzene	50.000	48.461	3.1	77	0.00
78 T	n-propylbenzene	50.000	50.043	-0.1	78	0.00
79 T	2-Chlorotoluene	50.000	48.374	3.3	76	0.00
80 T	1,3,5-Trimethylbenzene	50.000	48.373	3.3	76	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	43.994	12.0	74	0.00
82 T	4-Chlorotoluene	50.000	48.417	3.2	75	0.00
83 T	tert-Butylbenzene	50.000	49.646	0.7	78	0.00
84 T	1,2,4-Trimethylbenzene	50.000	48.787	2.4	76	0.00
85 T	sec-Butylbenzene	50.000	50.477	-1.0	78	0.00
86 T	p-Isopropyltoluene	50.000	49.904	0.2	78	0.00
87 T	1,3-Dichlorobenzene	50.000	48.110	3.8	76	0.00
88 T	1,4-Dichlorobenzene	50.000	48.034	3.9	76	0.00
89 T	n-Butylbenzene	50.000	50.552	-1.1	78	0.00
90 T	Hexachloroethane	50.000	49.107	1.8	77	0.00
91 T	1,2-Dichlorobenzene	50.000	47.267	5.5	75	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	44.544	10.9	73	0.00
93 T	1,2,4-Trichlorobenzene	50.000	46.549	6.9	73	0.00
94 T	Hexachlorobutadiene	50.000	47.410	5.2	74	0.00
95 T	Naphthalene	50.000	44.006	12.0	71	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	44.687	10.6	71	0.00

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