

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032825\
 Data File : VY021708.D
 Acq On : 28 Mar 2025 21:28
 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: Mar 28 23:51:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 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	91	0.00
2 T	Dichlorodifluoromethane	50.000	47.340	5.3	89	0.00
3 P	Chloromethane	50.000	48.298	3.4	93	0.00
4 C	Vinyl Chloride	50.000	46.959	6.1#	88	0.00
5 T	Bromomethane	50.000	45.651	8.7	91	0.00
6 T	Chloroethane	50.000	48.010	4.0	92	0.00
7 T	Trichlorofluoromethane	50.000	50.719	-1.4	97	0.00
8 T	Diethyl Ether	50.000	52.489	-5.0	100	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	51.337	-2.7	97	0.00
10 T	Methyl Iodide	50.000	55.360	-10.7	94	0.00
11 T	Tert butyl alcohol	250.000	213.563	14.6	81	0.00
12 CM	1,1-Dichloroethene	50.000	52.308	-4.6#	98	0.00
13 T	Acrolein	250.000	204.686	18.1	76	0.00
14 T	Allyl chloride	50.000	49.710	0.6	91	0.00
15 T	Acrylonitrile	250.000	239.914	4.0	87	0.00
16 T	Acetone	250.000	220.432	11.8	83	0.00
17 T	Carbon Disulfide	50.000	51.989	-4.0	97	0.00
18 T	Methyl Acetate	50.000	53.345	-6.7	101	0.00
19 T	Methyl tert-butyl Ether	50.000	49.659	0.7	89	0.00
20 T	Methylene Chloride	50.000	53.519	-7.0	94	0.00
21 T	trans-1,2-Dichloroethene	50.000	50.245	-0.5	94	0.00
22 T	Diisopropyl ether	50.000	52.724	-5.4	94	0.00
23 T	Vinyl Acetate	250.000	248.750	0.5	88	0.00
24 P	1,1-Dichloroethane	50.000	50.314	-0.6	93	0.00
25 T	2-Butanone	250.000	227.763	8.9	83	0.00
26 T	2,2-Dichloropropane	50.000	44.051	11.9	82	0.00
27 T	cis-1,2-Dichloroethene	50.000	51.119	-2.2	93	0.00
28 T	Bromochloromethane	50.000	49.766	0.5	95	0.00
29 T	Tetrahydrofuran	250.000	241.953	3.2	86	0.00
30 C	Chloroform	50.000	50.211	-0.4#	93	0.00
31 T	Cyclohexane	50.000	47.036	5.9	90	0.00
32 T	1,1,1-Trichloroethane	50.000	48.891	2.2	91	0.00
33 S	1,2-Dichloroethane-d4	50.000	50.447	-0.9	91	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	93	0.00
35 S	Dibromofluoromethane	50.000	50.493	-1.0	90	0.00
36 T	1,1-Dichloropropene	50.000	48.753	2.5	90	0.00
37 T	Ethyl Acetate	50.000	46.210	7.6	85	0.00
38 T	Carbon Tetrachloride	50.000	48.156	3.7	90	0.00
39 T	Methylcyclohexane	50.000	49.700	0.6	89	0.00
40 TM	Benzene	50.000	50.103	-0.2	92	0.00
41 T	Methacrylonitrile	50.000	45.524	9.0	77	0.00
42 TM	1,2-Dichloroethane	50.000	49.334	1.3	92	0.00
43 T	Isopropyl Acetate	50.000	47.830	4.3	88	0.00
44 TM	Trichloroethene	50.000	49.535	0.9	93	0.00
45 C	1,2-Dichloropropane	50.000	50.660	-1.3#	94	0.00
46 T	Dibromomethane	50.000	49.946	0.1	95	0.00
47 T	Bromodichloromethane	50.000	50.473	-0.9	94	0.00
48 T	Methyl methacrylate	50.000	49.263	1.5	89	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	930.586	6.9	84	0.00
50 S	Toluene-d8	50.000	52.005	-4.0	92	0.00
51 T	4-Methyl-2-Pentanone	250.000	244.886	2.0	87	0.00
52 CM	Toluene	50.000	51.709	-3.4#	94	0.00
53 T	t-1,3-Dichloropropene	50.000	49.603	0.8	89	0.00
54 T	cis-1,3-Dichloropropene	50.000	49.932	0.1	90	0.00
55 T	1,1,2-Trichloroethane	50.000	49.680	0.6	92	0.00
56 T	Ethyl methacrylate	50.000	52.031	-4.1	88	0.00
57 T	1,3-Dichloropropane	50.000	50.301	-0.6	92	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	286.514	-14.6	96	0.00
59 T	2-Hexanone	250.000	244.126	2.3	85	0.00
60 T	Dibromochloromethane	50.000	50.834	-1.7	93	0.00
61 T	1,2-Dibromoethane	50.000	51.102	-2.2	92	0.00
62 S	4-Bromofluorobenzene	50.000	52.359	-4.7	93	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	95	0.00
64 T	Tetrachloroethene	50.000	47.388	5.2	92	0.00
65 PM	Chlorobenzene	50.000	48.389	3.2	92	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	48.678	2.6	92	0.00
67 C	Ethyl Benzene	50.000	50.431	-0.9#	92	0.00
68 T	m/p-Xylenes	100.000	100.416	-0.4	92	0.00
69 T	o-Xylene	50.000	51.121	-2.2	92	0.00
70 T	Styrene	50.000	52.036	-4.1	93	0.00
71 P	Bromoform	50.000	49.101	1.8	92	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	95	0.00
73 T	Isopropylbenzene	50.000	49.448	1.1	92	0.00
74 T	N-amyl acetate	50.000	47.705	4.6	86	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	45.640	8.7	89	0.00
76 T	1,2,3-Trichloropropane	50.000	46.315	7.4	88	0.00
77 T	Bromobenzene	50.000	48.366	3.3	93	0.00
78 T	n-propylbenzene	50.000	49.627	0.7	92	0.00
79 T	2-Chlorotoluene	50.000	49.444	1.1	92	0.00
80 T	1,3,5-Trimethylbenzene	50.000	49.935	0.1	92	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	43.752	12.5	81	0.00
82 T	4-Chlorotoluene	50.000	48.937	2.1	92	0.00
83 T	tert-Butylbenzene	50.000	49.653	0.7	92	0.00
84 T	1,2,4-Trimethylbenzene	50.000	50.218	-0.4	92	0.00
85 T	sec-Butylbenzene	50.000	49.565	0.9	91	0.00
86 T	p-Isopropyltoluene	50.000	50.376	-0.8	92	0.00
87 T	1,3-Dichlorobenzene	50.000	48.063	3.9	92	0.00
88 T	1,4-Dichlorobenzene	50.000	48.044	3.9	91	0.00
89 T	n-Butylbenzene	50.000	49.734	0.5	90	0.00
90 T	Hexachloroethane	50.000	47.800	4.4	92	0.00
91 T	1,2-Dichlorobenzene	50.000	48.685	2.6	93	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	46.480	7.0	90	0.00
93 T	1,2,4-Trichlorobenzene	50.000	50.331	-0.7	91	0.00
94 T	Hexachlorobutadiene	50.000	48.635	2.7	92	0.00
95 T	Naphthalene	50.000	55.731	-11.5	97	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.513	-3.0	93	0.00

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