

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041825\
 Data File : VY021933.D
 Acq On : 18 Apr 2025 16:06
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Apr 19 01:15:23 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	75	0.00
2 T	Dichlorodifluoromethane	50.000	41.602	16.8	64	0.00
3 P	Chloromethane	50.000	48.316	3.4	76	0.00
4 C	Vinyl Chloride	50.000	46.473	7.1#	72	0.00
5 T	Bromomethane	50.000	50.876	-1.8	83	0.00
6 T	Chloroethane	50.000	48.787	2.4	77	0.00
7 T	Trichlorofluoromethane	50.000	48.012	4.0	75	0.00
8 T	Diethyl Ether	50.000	46.326	7.3	72	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.201	3.6	75	0.00
10 T	Methyl Iodide	50.000	51.392	-2.8	72	0.00
11 T	Tert butyl alcohol	250.000	197.446	21.0	61	0.04
12 CM	1,1-Dichloroethene	50.000	46.318	7.4#	71	0.00
13 T	Acrolein	250.000	38.480	84.6#	12	0.00
14 T	Allyl chloride	50.000	47.513	5.0	71	0.00
15 T	Acrylonitrile	250.000	247.500	1.0	73	0.00
16 T	Acetone	250.000	190.447	23.8	59	0.01
17 T	Carbon Disulfide	50.000	44.138	11.7	67	0.00
18 T	Methyl Acetate	50.000	66.612	-33.2#	103	0.00
19 T	Methyl tert-butyl Ether	50.000	49.417	1.2	73	0.00
20 T	Methylene Chloride	50.000	52.789	-5.6	76	0.00
21 T	trans-1,2-Dichloroethene	50.000	49.181	1.6	75	0.00
22 T	Diisopropyl ether	50.000	52.252	-4.5	76	0.00
23 T	Vinyl Acetate	250.000	234.715	6.1	68	0.00
24 P	1,1-Dichloroethane	50.000	50.155	-0.3	76	0.00
25 T	2-Butanone	250.000	230.677	7.7	69	0.00
26 T	2,2-Dichloropropane	50.000	45.803	8.4	70	0.00
27 T	cis-1,2-Dichloroethene	50.000	51.529	-3.1	77	0.00
28 T	Bromochloromethane	50.000	51.493	-3.0	80	0.00
29 T	Tetrahydrofuran	250.000	239.621	4.2	69	0.00
30 C	Chloroform	50.000	51.198	-2.4#	77	0.00
31 T	Cyclohexane	50.000	44.821	10.4	70	0.00
32 T	1,1,1-Trichloroethane	50.000	49.148	1.7	75	0.00
33 S	1,2-Dichloroethane-d4	50.000	50.199	-0.4	74	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	74	0.00
35 S	Dibromofluoromethane	50.000	52.955	-5.9	75	0.00
36 T	1,1-Dichloropropene	50.000	50.687	-1.4	73	0.00
37 T	Ethyl Acetate	50.000	46.841	6.3	68	0.00
38 T	Carbon Tetrachloride	50.000	51.838	-3.7	77	0.00
39 T	Methylcyclohexane	50.000	49.863	0.3	70	0.00
40 TM	Benzene	50.000	52.678	-5.4	77	0.00
41 T	Methacrylonitrile	50.000	51.309	-2.6	68	-0.01
42 TM	1,2-Dichloroethane	50.000	52.382	-4.8	77	0.00
43 T	Isopropyl Acetate	50.000	49.722	0.6	72	0.00
44 TM	Trichloroethene	50.000	52.966	-5.9	79	0.00
45 C	1,2-Dichloropropane	50.000	54.080	-8.2#	79	0.00
46 T	Dibromomethane	50.000	53.085	-6.2	79	0.00
47 T	Bromodichloromethane	50.000	53.502	-7.0	78	0.00
48 T	Methyl methacrylate	50.000	52.238	-4.5	74	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	959.047	4.1	69	0.02
50 S	Toluene-d8	50.000	53.260	-6.5	74	0.00
51 T	4-Methyl-2-Pentanone	250.000	266.967	-6.8	75	0.00
52 CM	Toluene	50.000	54.562	-9.1#	78	0.00
53 T	t-1,3-Dichloropropene	50.000	52.088	-4.2	73	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.902	-3.8	74	0.00
55 T	1,1,2-Trichloroethane	50.000	54.798	-9.6	80	0.00
56 T	Ethyl methacrylate	50.000	55.629	-11.3	74	0.00
57 T	1,3-Dichloropropane	50.000	54.713	-9.4	79	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	303.389	-21.4	80	0.00
59 T	2-Hexanone	250.000	262.339	-4.9	72	0.00
60 T	Dibromochloromethane	50.000	54.526	-9.1	78	0.00
61 T	1,2-Dibromoethane	50.000	53.908	-7.8	76	0.00
62 S	4-Bromofluorobenzene	50.000	55.208	-10.4	77	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	77	0.00
64 T	Tetrachloroethene	50.000	53.984	-8.0	85	0.00
65 PM	Chlorobenzene	50.000	50.741	-1.5	78	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	52.202	-4.4	80	0.00
67 C	Ethyl Benzene	50.000	51.880	-3.8#	77	0.00
68 T	m/p-Xylenes	100.000	105.103	-5.1	78	0.00
69 T	o-Xylene	50.000	52.558	-5.1	77	0.00
70 T	Styrene	50.000	54.518	-9.0	79	0.00
71 P	Bromoform	50.000	52.570	-5.1	80	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	82	0.00
73 T	Isopropylbenzene	50.000	48.846	2.3	78	0.00
74 T	N-amyl acetate	50.000	45.464	9.1	71	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	45.965	8.1	76	0.00
76 T	1,2,3-Trichloropropane	50.000	48.936	2.1	80	0.00
77 T	Bromobenzene	50.000	48.444	3.1	79	0.00
78 T	n-propylbenzene	50.000	49.467	1.1	78	0.00
79 T	2-Chlorotoluene	50.000	48.861	2.3	78	0.00
80 T	1,3,5-Trimethylbenzene	50.000	49.630	0.7	78	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	42.688	14.6	68	0.00
82 T	4-Chlorotoluene	50.000	49.249	1.5	79	0.00
83 T	tert-Butylbenzene	50.000	49.545	0.9	79	0.00
84 T	1,2,4-Trimethylbenzene	50.000	50.595	-1.2	79	0.00
85 T	sec-Butylbenzene	50.000	50.184	-0.4	79	0.00
86 T	p-Isopropyltoluene	50.000	50.748	-1.5	79	0.00
87 T	1,3-Dichlorobenzene	50.000	49.190	1.6	81	0.00
88 T	1,4-Dichlorobenzene	50.000	48.787	2.4	80	0.00
89 T	n-Butylbenzene	50.000	49.334	1.3	77	0.00
90 T	Hexachloroethane	50.000	49.210	1.6	81	0.00
91 T	1,2-Dichlorobenzene	50.000	50.035	-0.1	82	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	47.500	5.0	79	0.00
93 T	1,2,4-Trichlorobenzene	50.000	50.968	-1.9	79	0.00
94 T	Hexachlorobutadiene	50.000	50.636	-1.3	82	0.00
95 T	Naphthalene	50.000	52.313	-4.6	78	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.085	-2.2	79	0.00

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