

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041025\
 Data File : VY021826.D
 Acq On : 10 Apr 2025 09:51
 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: Apr 11 01:48:41 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	87	0.00
2 T	Dichlorodifluoromethane	50.000	45.613	8.8	82	0.00
3 P	Chloromethane	50.000	49.510	1.0	91	0.00
4 C	Vinyl Chloride	50.000	47.139	5.7#	85	0.00
5 T	Bromomethane	50.000	45.332	9.3	87	0.01
6 T	Chloroethane	50.000	47.715	4.6	88	0.00
7 T	Trichlorofluoromethane	50.000	47.115	5.8	86	0.00
8 T	Diethyl Ether	50.000	45.523	9.0	83	0.01
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.248	1.5	89	0.00
10 T	Methyl Iodide	50.000	60.777	-21.6	99	0.00
11 T	Tert butyl alcohol	250.000	178.541	28.6#	65	0.02
12 CM	1,1-Dichloroethene	50.000	49.718	0.6#	89	0.01
13 T	Acrolein	250.000	64.216	74.3#	23	0.01
14 T	Allyl chloride	50.000	49.894	0.2	87	0.00
15 T	Acrylonitrile	250.000	225.807	9.7	78	0.00
16 T	Acetone	250.000	236.349	5.5	86	0.00
17 T	Carbon Disulfide	50.000	47.539	4.9	85	0.00
18 T	Methyl Acetate	50.000	54.271	-8.5	98	0.00
19 T	Methyl tert-butyl Ether	50.000	46.934	6.1	81	0.00
20 T	Methylene Chloride	50.000	53.476	-7.0	90	0.00
21 T	trans-1,2-Dichloroethene	50.000	50.695	-1.4	90	0.00
22 T	Diisopropyl ether	50.000	51.611	-3.2	88	0.00
23 T	Vinyl Acetate	250.000	228.429	8.6	77	0.00
24 P	1,1-Dichloroethane	50.000	51.179	-2.4	90	0.01
25 T	2-Butanone	250.000	220.606	11.8	77	0.00
26 T	2,2-Dichloropropane	50.000	51.473	-2.9	91	0.00
27 T	cis-1,2-Dichloroethene	50.000	51.686	-3.4	90	0.00
28 T	Bromochloromethane	50.000	50.649	-1.3	92	0.00
29 T	Tetrahydrofuran	250.000	212.656	14.9	72	0.00
30 C	Chloroform	50.000	51.125	-2.3#	90	0.00
31 T	Cyclohexane	50.000	46.287	7.4	84	0.00
32 T	1,1,1-Trichloroethane	50.000	50.770	-1.5	91	0.00
33 S	1,2-Dichloroethane-d4	50.000	49.206	1.6	85	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	85	0.00
35 S	Dibromofluoromethane	50.000	54.881	-9.8	90	0.00
36 T	1,1-Dichloropropene	50.000	52.798	-5.6	89	0.00
37 T	Ethyl Acetate	50.000	42.738	14.5	72	0.00
38 T	Carbon Tetrachloride	50.000	52.675	-5.3	90	0.00
39 T	Methylcyclohexane	50.000	52.136	-4.3	85	0.00
40 TM	Benzene	50.000	53.693	-7.4	90	0.00
41 T	Methacrylonitrile	50.000	43.413	13.2	67	0.00
42 TM	1,2-Dichloroethane	50.000	50.553	-1.1	86	0.00
43 T	Isopropyl Acetate	50.000	44.479	11.0	74	0.00
44 TM	Trichloroethene	50.000	53.929	-7.9	93	0.00
45 C	1,2-Dichloropropane	50.000	53.892	-7.8#	91	0.00
46 T	Dibromomethane	50.000	50.428	-0.9	87	0.00
47 T	Bromodichloromethane	50.000	52.651	-5.3	89	0.00
48 T	Methyl methacrylate	50.000	46.806	6.4	77	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	895.567	10.4	74	0.01
50 S	Toluene-d8	50.000	56.094	-12.2	90	0.00
51 T	4-Methyl-2-Pentanone	250.000	229.648	8.1	75	0.00
52 CM	Toluene	50.000	55.379	-10.8#	92	0.00
53 T	t-1,3-Dichloropropene	50.000	50.659	-1.3	83	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.443	-2.9	85	0.00
55 T	1,1,2-Trichloroethane	50.000	50.986	-2.0	87	0.00
56 T	Ethyl methacrylate	50.000	50.340	-0.7	78	0.00
57 T	1,3-Dichloropropane	50.000	51.185	-2.4	85	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	256.900	-2.8	79	0.00
59 T	2-Hexanone	250.000	236.540	5.4	76	0.00
60 T	Dibromochloromethane	50.000	52.111	-4.2	87	0.00
61 T	1,2-Dibromoethane	50.000	50.169	-0.3	82	0.00
62 S	4-Bromofluorobenzene	50.000	55.404	-10.8	90	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	86	0.00
64 T	Tetrachloroethene	50.000	52.948	-5.9	93	0.00
65 PM	Chlorobenzene	50.000	53.067	-6.1	91	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	53.290	-6.6	91	0.00
67 C	Ethyl Benzene	50.000	55.100	-10.2#	91	0.00
68 T	m/p-Xylenes	100.000	112.386	-12.4	93	0.00
69 T	o-Xylene	50.000	55.882	-11.8	91	0.00
70 T	Styrene	50.000	56.350	-12.7	91	0.00
71 P	Bromoform	50.000	48.974	2.1	83	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	88	0.00
73 T	Isopropylbenzene	50.000	53.665	-7.3	91	0.00
74 T	N-ethyl acetate	50.000	44.675	10.7	74	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	45.317	9.4	81	0.00
76 T	1,2,3-Trichloropropane	50.000	42.706	14.6	75	0.00
77 T	Bromobenzene	50.000	51.997	-4.0	91	0.00
78 T	n-propylbenzene	50.000	54.847	-9.7	93	0.00
79 T	2-Chlorotoluene	50.000	53.445	-6.9	92	0.00
80 T	1,3,5-Trimethylbenzene	50.000	54.278	-8.6	92	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	42.266	15.5	72	0.00
82 T	4-Chlorotoluene	50.000	53.027	-6.1	91	0.00
83 T	tert-Butylbenzene	50.000	54.672	-9.3	93	0.00
84 T	1,2,4-Trimethylbenzene	50.000	55.258	-10.5	93	0.00
85 T	sec-Butylbenzene	50.000	54.179	-8.4	92	0.00
86 T	p-Isopropyltoluene	50.000	55.390	-10.8	92	0.00
87 T	1,3-Dichlorobenzene	50.000	53.165	-6.3	94	0.00
88 T	1,4-Dichlorobenzene	50.000	52.190	-4.4	91	0.00
89 T	n-Butylbenzene	50.000	55.040	-10.1	92	0.00
90 T	Hexachloroethane	50.000	50.848	-1.7	90	0.00
91 T	1,2-Dichlorobenzene	50.000	52.481	-5.0	92	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	44.118	11.8	79	0.00
93 T	1,2,4-Trichlorobenzene	50.000	55.039	-10.1	91	0.00
94 T	Hexachlorobutadiene	50.000	53.987	-8.0	93	0.00
95 T	Naphthalene	50.000	52.813	-5.6	84	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	54.910	-9.8	91	0.00

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