

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041525\
 Data File : VY021882.D
 Acq On : 15 Apr 2025 09:03
 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 16 02:59:36 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	106	0.00
2 T	Dichlorodifluoromethane	50.000	43.311	13.4	94	0.00
3 P	Chloromethane	50.000	40.765	18.5	91	0.00
4 C	Vinyl Chloride	50.000	42.486	15.0#	93	0.00
5 T	Bromomethane	50.000	41.939	16.1	97	0.00
6 T	Chloroethane	50.000	43.220	13.6	96	0.00
7 T	Trichlorofluoromethane	50.000	45.468	9.1	100	0.00
8 T	Diethyl Ether	50.000	48.747	2.5	108	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	47.729	4.5	105	0.00
10 T	Methyl Iodide	50.000	51.664	-3.3	102	0.00
11 T	Tert butyl alcohol	250.000	246.112	1.6	108	0.00
12 CM	1,1-Dichloroethene	50.000	48.157	3.7#	104	0.00
13 T	Acrolein	250.000	54.136	78.3#	23	0.00
14 T	Allyl chloride	50.000	48.120	3.8	102	0.00
15 T	Acrylonitrile	250.000	250.549	-0.2	105	0.00
16 T	Acetone	250.000	220.431	11.8	97	0.00
17 T	Carbon Disulfide	50.000	44.603	10.8	96	0.00
18 T	Methyl Acetate	50.000	60.726	-21.5	133	0.00
19 T	Methyl tert-butyl Ether	50.000	51.442	-2.9	107	0.00
20 T	Methylene Chloride	50.000	52.748	-5.5	107	0.00
21 T	trans-1,2-Dichloroethene	50.000	49.233	1.5	106	0.00
22 T	Diisopropyl ether	50.000	50.071	-0.1	103	0.00
23 T	Vinyl Acetate	250.000	240.393	3.8	98	0.00
24 P	1,1-Dichloroethane	50.000	49.237	1.5	105	0.00
25 T	2-Butanone	250.000	243.373	2.7	103	0.00
26 T	2,2-Dichloropropane	50.000	49.972	0.1	107	0.00
27 T	cis-1,2-Dichloroethene	50.000	50.990	-2.0	108	0.00
28 T	Bromochloromethane	50.000	48.864	2.3	108	0.00
29 T	Tetrahydrofuran	250.000	246.311	1.5	101	0.00
30 C	Chloroform	50.000	50.107	-0.2#	107	0.00
31 T	Cyclohexane	50.000	44.657	10.7	98	0.00
32 T	1,1,1-Trichloroethane	50.000	49.549	0.9	107	0.00
33 S	1,2-Dichloroethane-d4	50.000	47.420	5.2	99	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	105	0.00
35 S	Dibromofluoromethane	50.000	50.677	-1.4	102	0.00
36 T	1,1-Dichloropropene	50.000	49.783	0.4	103	0.00
37 T	Ethyl Acetate	50.000	48.452	3.1	100	0.00
38 T	Carbon Tetrachloride	50.000	50.872	-1.7	107	0.00
39 T	Methylcyclohexane	50.000	50.240	-0.5	100	0.00
40 TM	Benzene	50.000	50.810	-1.6	105	0.00
41 T	Methacrylonitrile	50.000	49.538	0.9	94	-0.01
42 TM	1,2-Dichloroethane	50.000	50.851	-1.7	106	0.00
43 T	Isopropyl Acetate	50.000	50.671	-1.3	104	0.00
44 TM	Trichloroethene	50.000	53.820	-7.6	114	0.00
45 C	1,2-Dichloropropane	50.000	51.373	-2.7#	107	0.00
46 T	Dibromomethane	50.000	51.935	-3.9	111	0.00
47 T	Bromodichloromethane	50.000	52.093	-4.2	109	0.00
48 T	Methyl methacrylate	50.000	51.433	-2.9	104	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1096.546	-9.7	112	0.00
50 S	Toluene-d8	50.000	49.637	0.7	98	0.00
51 T	4-Methyl-2-Pentanone	250.000	265.393	-6.2	106	0.00
52 CM	Toluene	50.000	52.796	-5.6#	107	0.00
53 T	t-1,3-Dichloropropene	50.000	52.901	-5.8	106	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.856	-3.7	105	0.00
55 T	1,1,2-Trichloroethane	50.000	52.722	-5.4	110	0.00
56 T	Ethyl methacrylate	50.000	56.137	-12.3	107	0.00
57 T	1,3-Dichloropropane	50.000	52.968	-5.9	108	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	290.953	-16.4	110	0.00
59 T	2-Hexanone	250.000	261.814	-4.7	103	0.00
60 T	Dibromochloromethane	50.000	53.600	-7.2	109	0.00
61 T	1,2-Dibromoethane	50.000	54.253	-8.5	109	0.00
62 S	4-Bromofluorobenzene	50.000	52.375	-4.8	104	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	105	0.00
64 T	Tetrachloroethene	50.000	57.840	-15.7	123	0.00
65 PM	Chlorobenzene	50.000	52.119	-4.2	108	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	52.704	-5.4	109	0.00
67 C	Ethyl Benzene	50.000	53.300	-6.6#	107	0.00
68 T	m/p-Xylenes	100.000	107.178	-7.2	107	0.00
69 T	o-Xylene	50.000	55.164	-10.3	109	0.00
70 T	Styrene	50.000	55.250	-10.5	109	0.00
71 P	Bromoform	50.000	54.146	-8.3	111	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	105	0.00
73 T	Isopropylbenzene	50.000	52.727	-5.5	108	0.00
74 T	N-ethyl acetate	50.000	51.230	-2.5	103	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	47.175	5.7	101	0.00
76 T	1,2,3-Trichloropropane	50.000	53.196	-6.4	112	0.00
77 T	Bromobenzene	50.000	52.712	-5.4	111	0.00
78 T	n-propylbenzene	50.000	52.525	-5.0	107	0.00
79 T	2-Chlorotoluene	50.000	51.976	-4.0	107	0.00
80 T	1,3,5-Trimethylbenzene	50.000	52.996	-6.0	108	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	50.049	-0.1	102	0.00
82 T	4-Chlorotoluene	50.000	51.932	-3.9	107	0.00
83 T	tert-Butylbenzene	50.000	52.580	-5.2	107	0.00
84 T	1,2,4-Trimethylbenzene	50.000	53.853	-7.7	109	0.00
85 T	sec-Butylbenzene	50.000	53.193	-6.4	108	0.00
86 T	p-Isopropyltoluene	50.000	54.732	-9.5	110	0.00
87 T	1,3-Dichlorobenzene	50.000	52.347	-4.7	111	0.00
88 T	1,4-Dichlorobenzene	50.000	51.852	-3.7	109	0.00
89 T	n-Butylbenzene	50.000	53.861	-7.7	108	0.00
90 T	Hexachloroethane	50.000	51.061	-2.1	109	0.00
91 T	1,2-Dichlorobenzene	50.000	52.770	-5.5	112	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	51.278	-2.6	110	0.00
93 T	1,2,4-Trichlorobenzene	50.000	58.596	-17.2	117	0.00
94 T	Hexachlorobutadiene	50.000	56.670	-13.3	118	0.00
95 T	Naphthalene	50.000	61.987	-24.0	119	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	59.579	-19.2	119	0.00

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