

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102924\
 Data File : VY020049.D
 Acq On : 29 Oct 2024 09:31
 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: Oct 30 01:18:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 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	52	0.01
2 T	Dichlorodifluoromethane	50.000	41.141	17.7	44	0.00
3 P	Chloromethane	50.000	48.912	2.2	50	0.01
4 C	Vinyl Chloride	50.000	52.074	-4.1#	53	0.00
5 T	Bromomethane	50.000	53.269	-6.5	54	0.00
6 T	Chloroethane	50.000	55.956	-11.9	57	0.01
7 T	Trichlorofluoromethane	50.000	51.668	-3.3	53	0.01
8 T	Diethyl Ether	50.000	50.366	-0.7	50	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	53.220	-6.4	55	0.02
10 T	Methyl Iodide	50.000	47.219	5.6	45	0.01
11 T	Tert butyl alcohol	250.000	237.055	5.2	49	0.00
12 CM	1,1-Dichloroethene	50.000	48.422	3.2#	49	0.02
13 T	Acrolein	250.000	100.661	59.7#	24	0.02
14 T	Allyl chloride	50.000	54.560	-9.1	54	0.01
15 T	Acrylonitrile	250.000	279.782	-11.9	56	0.02
16 T	Acetone	250.000	304.268	-21.7	60	0.01
17 T	Carbon Disulfide	50.000	41.520	17.0	40	0.02
18 T	Methyl Acetate	50.000	57.939	-15.9	60	0.02
19 T	Methyl tert-butyl Ether	50.000	53.433	-6.9	55	0.01
20 T	Methylene Chloride	50.000	54.559	-9.1	54	0.02
21 T	trans-1,2-Dichloroethene	50.000	51.114	-2.2	51	0.02
22 T	Diisopropyl ether	50.000	59.436	-18.9	60	0.01
23 T	Vinyl Acetate	250.000	279.455	-11.8	55	0.02
24 P	1,1-Dichloroethane	50.000	58.244	-16.5	59	0.01
25 T	2-Butanone	250.000	286.924	-14.8	58	0.01
26 T	2,2-Dichloropropane	50.000	56.413	-12.8	59	0.01
27 T	cis-1,2-Dichloroethene	50.000	55.421	-10.8	56	0.01
28 T	Bromochloromethane	50.000	56.097	-12.2	57	0.01
29 T	Tetrahydrofuran	250.000	275.004	-10.0	55	0.00
30 C	Chloroform	50.000	58.810	-17.6#	60	0.00
31 T	Cyclohexane	50.000	49.253	1.5	52	0.01
32 T	1,1,1-Trichloroethane	50.000	57.814	-15.6	59	0.01
33 S	1,2-Dichloroethane-d4	50.000	48.571	2.9	54	0.01
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	53	0.00
35 S	Dibromofluoromethane	50.000	49.267	1.5	54	0.01
36 T	1,1-Dichloropropene	50.000	56.063	-12.1	57	0.01
37 T	Ethyl Acetate	50.000	54.266	-8.5	55	0.01
38 T	Carbon Tetrachloride	50.000	57.424	-14.8	59	0.01
39 T	Methylcyclohexane	50.000	50.994	-2.0	51	0.00
40 TM	Benzene	50.000	56.742	-13.5	58	0.01
41 T	Methacrylonitrile	50.000	64.751	-29.5#	59	0.01
42 TM	1,2-Dichloroethane	50.000	56.106	-12.2	57	0.00
43 T	Isopropyl Acetate	50.000	54.551	-9.1	56	0.00
44 TM	Trichloroethene	50.000	53.487	-7.0	54	0.00
45 C	1,2-Dichloropropane	50.000	58.622	-17.2#	61	0.00
46 T	Dibromomethane	50.000	55.206	-10.4	57	0.00
47 T	Bromodichloromethane	50.000	59.120	-18.2	60	0.00
48 T	Methyl methacrylate	50.000	57.118	-14.2	57	0.00

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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)

49 T	1,4-Dioxane	1000.000	1042.772	-4.3	51	0.00
50 S	Toluene-d8	50.000	48.603	2.8	53	0.00
51 T	4-Methyl-2-Pentanone	250.000	290.196	-16.1	59	0.00
52 CM	Toluene	50.000	58.250	-16.5#	59	0.00
53 T	t-1,3-Dichloropropene	50.000	57.291	-14.6	57	0.00
54 T	cis-1,3-Dichloropropene	50.000	56.622	-13.2	57	0.00
55 T	1,1,2-Trichloroethane	50.000	57.322	-14.6	59	0.00
56 T	Ethyl methacrylate	50.000	55.730	-11.5	54	0.00
57 T	1,3-Dichloropropane	50.000	57.349	-14.7	58	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	288.337	-15.3	62	0.00
59 T	2-Hexanone	250.000	298.670	-19.5	59	0.00
60 T	Dibromochloromethane	50.000	57.151	-14.3	59	0.00
61 T	1,2-Dibromoethane	50.000	54.469	-8.9	55	0.00
62 S	4-Bromofluorobenzene	50.000	48.197	3.6	53	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	53	0.00
64 T	Tetrachloroethene	50.000	51.265	-2.5	53	0.00
65 PM	Chlorobenzene	50.000	56.594	-13.2	59	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	57.328	-14.7	59	0.00
67 C	Ethyl Benzene	50.000	58.480	-17.0#	60	0.00
68 T	m/p-Xylenes	100.000	115.518	-15.5	59	0.00
69 T	o-Xylene	50.000	57.846	-15.7	59	0.00
70 T	Styrene	50.000	58.446	-16.9	59	0.00
71 P	Bromoform	50.000	56.992	-14.0	57	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	54	0.00
73 T	Isopropylbenzene	50.000	57.165	-14.3	61	0.00
74 T	N-amyl acetate	50.000	52.573	-5.1	54	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	56.533	-13.1	60	0.00
76 T	1,2,3-Trichloropropane	50.000	28.232	43.5#	30	0.00
77 T	Bromobenzene	50.000	52.541	-5.1	56	0.00
78 T	n-propylbenzene	50.000	58.188	-16.4	62	0.00
79 T	2-Chlorotoluene	50.000	55.599	-11.2	59	0.00
80 T	1,3,5-Trimethylbenzene	50.000	56.053	-12.1	60	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	53.981	-8.0	57	0.00
82 T	4-Chlorotoluene	50.000	55.721	-11.4	60	0.00
83 T	tert-Butylbenzene	50.000	55.473	-10.9	59	0.00
84 T	1,2,4-Trimethylbenzene	50.000	55.351	-10.7	59	0.00
85 T	sec-Butylbenzene	50.000	58.020	-16.0	61	0.00
86 T	p-Isopropyltoluene	50.000	57.088	-14.2	60	0.00
87 T	1,3-Dichlorobenzene	50.000	54.736	-9.5	59	0.00
88 T	1,4-Dichlorobenzene	50.000	54.527	-9.1	58	0.00
89 T	n-Butylbenzene	50.000	58.688	-17.4	60	0.00
90 T	Hexachloroethane	50.000	58.195	-16.4	62	0.00
91 T	1,2-Dichlorobenzene	50.000	54.658	-9.3	58	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	52.217	-4.4	56	0.00
93 T	1,2,4-Trichlorobenzene	50.000	50.819	-1.6	51	0.00
94 T	Hexachlorobutadiene	50.000	50.398	-0.8	51	0.00
95 T	Naphthalene	50.000	51.042	-2.1	50	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.206	-0.4	50	0.00

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