

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100324\
 Data File : VY019790.D
 Acq On : 03 Oct 2024 16:41
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 04 01:30:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 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	40	0.00
2 T	Dichlorodifluoromethane	50.000	41.348	17.3	35	0.00
3 P	Chloromethane	50.000	50.998	-2.0	43	0.00
4 C	Vinyl Chloride	50.000	56.336	-12.7#	45	0.00
5 T	Bromomethane	50.000	67.865	-35.7#	52	0.00
6 T	Chloroethane	50.000	65.016	-30.0#	51	0.00
7 T	Trichlorofluoromethane	50.000	55.659	-11.3	45	0.00
8 T	Diethyl Ether	50.000	57.121	-14.2	43	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	54.884	-9.8	44	0.00
10 T	Methyl Iodide	50.000	50.209	-0.4	39	0.00
11 T	Tert butyl alcohol	250.000	299.236	-19.7	45	0.00
12 CM	1,1-Dichloroethene	50.000	54.539	-9.1#	43	0.00
13 T	Acrolein	250.000	71.068	71.6#	15	0.00
14 T	Allyl chloride	50.000	55.590	-11.2	43	0.00
15 T	Acrylonitrile	250.000	300.142	-20.1	45	0.00
16 T	Acetone	250.000	281.985	-12.8	40	0.00
17 T	Carbon Disulfide	50.000	48.625	2.8	36	0.00
18 T	Methyl Acetate	50.000	62.309	-24.6	43	0.00
19 T	Methyl tert-butyl Ether	50.000	59.444	-18.9	45	0.00
20 T	Methylene Chloride	50.000	58.047	-16.1	46	0.00
21 T	trans-1,2-Dichloroethene	50.000	57.107	-14.2	44	0.00
22 T	Diisopropyl ether	50.000	60.761	-21.5	47	0.00
23 T	Vinyl Acetate	250.000	291.018	-16.4	45	0.00
24 P	1,1-Dichloroethane	50.000	61.364	-22.7	47	0.00
25 T	2-Butanone	250.000	272.684	-9.1	40	0.00
26 T	2,2-Dichloropropane	50.000	57.178	-14.4	45	0.00
27 T	cis-1,2-Dichloroethene	50.000	60.807	-21.6	47	0.00
28 T	Bromochloromethane	50.000	66.255	-32.5#	50	0.00
29 T	Tetrahydrofuran	250.000	278.970	-11.6	41	0.00
30 C	Chloroform	50.000	63.638	-27.3#	49	0.00
31 T	Cyclohexane	50.000	48.921	2.2	40	0.00
32 T	1,1,1-Trichloroethane	50.000	60.304	-20.6	47	0.00
33 S	1,2-Dichloroethane-d4	50.000	59.070	-18.1	45	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	41	0.00
35 S	Dibromofluoromethane	50.000	55.184	-10.4	44	0.00
36 T	1,1-Dichloropropene	50.000	55.383	-10.8	45	0.00
37 T	Ethyl Acetate	50.000	54.607	-9.2	42	0.00
38 T	Carbon Tetrachloride	50.000	55.442	-10.9	46	0.00
39 T	Methylcyclohexane	50.000	48.311	3.4	40	0.00
40 TM	Benzene	50.000	56.901	-13.8	46	0.00
41 T	Methacrylonitrile	50.000	57.160	-14.3	42	0.00
42 TM	1,2-Dichloroethane	50.000	60.761	-21.5	49	0.00
43 T	Isopropyl Acetate	50.000	54.814	-9.6	43	0.00
44 TM	Trichloroethene	50.000	55.007	-10.0	44	0.00
45 C	1,2-Dichloropropane	50.000	58.054	-16.1#	47	0.00
46 T	Dibromomethane	50.000	59.441	-18.9	46	0.00
47 T	Bromodichloromethane	50.000	59.315	-18.6	48	0.00
48 T	Methyl methacrylate	50.000	52.748	-5.5	40	0.00

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1133.920	-13.4	45	0.00
50 S	Toluene-d8	50.000	53.266	-6.5	43	0.00
51 T	4-Methyl-2-Pentanone	250.000	274.158	-9.7	43	0.00
52 CM	Toluene	50.000	57.287	-14.6#	46	0.00
53 T	t-1,3-Dichloropropene	50.000	57.969	-15.9	46	0.00
54 T	cis-1,3-Dichloropropene	50.000	55.539	-11.1	44	0.00
55 T	1,1,2-Trichloroethane	50.000	57.914	-15.8	45	0.00
56 T	Ethyl methacrylate	50.000	57.056	-14.1	45	0.00
57 T	1,3-Dichloropropane	50.000	58.653	-17.3	46	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	282.993	-13.2	45	0.00
59 T	2-Hexanone	250.000	257.758	-3.1	40	0.00
60 T	Dibromochloromethane	50.000	58.253	-16.5	46	0.00
61 T	1,2-Dibromoethane	50.000	55.701	-11.4	44	0.00
62 S	4-Bromofluorobenzene	50.000	52.924	-5.8	44	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	41	0.00
64 T	Tetrachloroethene	50.000	54.406	-8.8	45	0.00
65 PM	Chlorobenzene	50.000	56.684	-13.4	46	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	57.453	-14.9	47	0.00
67 C	Ethyl Benzene	50.000	56.889	-13.8#	47	0.00
68 T	m/p-Xylenes	100.000	111.735	-11.7	46	0.00
69 T	o-Xylene	50.000	55.518	-11.0	45	0.00
70 T	Styrene	50.000	55.915	-11.8	45	0.00
71 P	Bromoform	50.000	53.427	-6.9	42	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	42	0.00
73 T	Isopropylbenzene	50.000	55.428	-10.9	46	0.00
74 T	N-amyl acetate	50.000	52.103	-4.2	42	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	55.656	-11.3	45	0.00
76 T	1,2,3-Trichloropropane	50.000	52.446	-4.9	39	0.00
77 T	Bromobenzene	50.000	54.955	-9.9	45	0.00
78 T	n-propylbenzene	50.000	55.344	-10.7	46	0.00
79 T	2-Chlorotoluene	50.000	55.935	-11.9	46	0.00
80 T	1,3,5-Trimethylbenzene	50.000	54.884	-9.8	45	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	47.988	4.0	39	0.00
82 T	4-Chlorotoluene	50.000	55.153	-10.3	46	0.00
83 T	tert-Butylbenzene	50.000	54.202	-8.4	45	0.00
84 T	1,2,4-Trimethylbenzene	50.000	55.438	-10.9	46	0.00
85 T	sec-Butylbenzene	50.000	55.118	-10.2	46	0.00
86 T	p-Isopropyltoluene	50.000	54.869	-9.7	46	0.00
87 T	1,3-Dichlorobenzene	50.000	54.825	-9.7	45	0.00
88 T	1,4-Dichlorobenzene	50.000	54.065	-8.1	45	0.00
89 T	n-Butylbenzene	50.000	54.068	-8.1	45	0.00
90 T	Hexachloroethane	50.000	54.219	-8.4	45	0.00
91 T	1,2-Dichlorobenzene	50.000	55.017	-10.0	45	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	50.112	-0.2	41	0.00
93 T	1,2,4-Trichlorobenzene	50.000	49.259	1.5	40	0.00
94 T	Hexachlorobutadiene	50.000	51.406	-2.8	43	0.00
95 T	Naphthalene	50.000	48.185	3.6	38	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	49.478	1.0	40	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 6