

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092024\
 Data File : VY019656.D
 Acq On : 20 Sep 2024 19:16
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 20 23:55:16 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	57	0.00
2 T	Dichlorodifluoromethane	50.000	46.231	7.5	55	0.00
3 P	Chloromethane	50.000	39.378	21.2	48	0.00
4 C	Vinyl Chloride	50.000	58.478	-17.0#	67	0.00
5 T	Bromomethane	50.000	31.794	36.4#	35	0.00
6 T	Chloroethane	50.000	66.041	-32.1#	75	0.00
7 T	Trichlorofluoromethane	50.000	57.865	-15.7	67	0.00
8 T	Diethyl Ether	50.000	60.720	-21.4	66	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	54.241	-8.5	63	0.00
10 T	Methyl Iodide	50.000	26.880	46.2#	30	-0.01
11 T	Tert butyl alcohol	250.000	355.006	-42.0#	76	0.00
12 CM	1,1-Dichloroethene	50.000	55.968	-11.9#	64	0.00
13 T	Acrolein	250.000	0.000	100.0#	0	-3.65#
14 T	Allyl chloride	50.000	49.507	1.0	56	-0.01
15 T	Acrylonitrile	250.000	308.663	-23.5	66	0.00
16 T	Acetone	250.000	232.324	7.1	47	0.00
17 T	Carbon Disulfide	50.000	52.735	-5.5	56	0.00
18 T	Methyl Acetate	50.000	152.392	-204.8#	152	-0.01
19 T	Methyl tert-butyl Ether	50.000	62.907	-25.8#	69	0.00
20 T	Methylene Chloride	50.000	59.099	-18.2	68	-0.01
21 T	trans-1,2-Dichloroethene	50.000	58.529	-17.1	65	0.00
22 T	Diisopropyl ether	50.000	58.212	-16.4	64	0.00
23 T	Vinyl Acetate	250.000	61.328	75.5#	14	0.00
24 P	1,1-Dichloroethane	50.000	60.292	-20.6	67	-0.01
25 T	2-Butanone	250.000	271.597	-8.6	57	0.00
26 T	2,2-Dichloropropane	50.000	29.973	40.1#	34	0.00
27 T	cis-1,2-Dichloroethene	50.000	60.907	-21.8	67	0.00
28 T	Bromochloromethane	50.000	62.537	-25.1#	67	0.00
29 T	Tetrahydrofuran	250.000	300.512	-20.2	64	0.00
30 C	Chloroform	50.000	63.392	-26.8#	70	0.00
31 T	Cyclohexane	50.000	48.683	2.6	58	0.00
32 T	1,1,1-Trichloroethane	50.000	60.534	-21.1	68	0.00
33 S	1,2-Dichloroethane-d4	50.000	56.679	-13.4	62	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	62	0.00
35 S	Dibromofluoromethane	50.000	50.466	-0.9	61	0.00
36 T	1,1-Dichloropropene	50.000	52.730	-5.5	64	0.00
37 T	Ethyl Acetate	50.000	44.395	11.2	52	0.00
38 T	Carbon Tetrachloride	50.000	52.880	-5.8	65	0.00
39 T	Methylcyclohexane	50.000	48.497	3.0	60	0.00
40 TM	Benzene	50.000	55.413	-10.8	67	0.00
41 T	Methacrylonitrile	50.000	51.942	-3.9	57	0.00
42 TM	1,2-Dichloroethane	50.000	59.020	-18.0	71	0.00
43 T	Isopropyl Acetate	50.000	49.521	1.0	59	0.00
44 TM	Trichloroethene	50.000	55.455	-10.9	67	0.00
45 C	1,2-Dichloropropane	50.000	55.398	-10.8#	68	0.00
46 T	Dibromomethane	50.000	59.163	-18.3	69	0.00
47 T	Bromodichloromethane	50.000	58.144	-16.3	70	0.00
48 T	Methyl methacrylate	50.000	54.453	-8.9	62	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)

49 T	1,4-Dioxane	1000.000	1234.111	-23.4	74	0.00
50 S	Toluene-d8	50.000	48.746	2.5	58	0.00
51 T	4-Methyl-2-Pentanone	250.000	277.270	-10.9	65	0.00
52 CM	Toluene	50.000	55.907	-11.8#	67	0.00
53 T	t-1,3-Dichloropropene	50.000	44.662	10.7	53	0.00
54 T	cis-1,3-Dichloropropene	50.000	45.595	8.8	54	0.00
55 T	1,1,2-Trichloroethane	50.000	57.573	-15.1	68	0.00
56 T	Ethyl methacrylate	50.000	54.063	-8.1	64	0.00
57 T	1,3-Dichloropropane	50.000	56.675	-13.3	67	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	255.382	-2.2	61	0.00
59 T	2-Hexanone	250.000	246.034	1.6	57	0.00
60 T	Dibromochloromethane	50.000	58.198	-16.4	69	0.00
61 T	1,2-Dibromoethane	50.000	56.434	-12.9	67	0.00
62 S	4-Bromofluorobenzene	50.000	46.479	7.0	58	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	63	0.00
64 T	Tetrachloroethene	50.000	71.808	-43.6#	90	0.00
65 PM	Chlorobenzene	50.000	54.959	-9.9	68	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	55.807	-11.6	69	0.00
67 C	Ethyl Benzene	50.000	53.864	-7.7#	67	0.00
68 T	m/p-Xylenes	100.000	107.548	-7.5	67	0.00
69 T	o-Xylene	50.000	54.668	-9.3	68	0.00
70 T	Styrene	50.000	54.328	-8.7	67	0.00
71 P	Bromoform	50.000	55.264	-10.5	66	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	63	0.00
73 T	Isopropylbenzene	50.000	53.316	-6.6	67	0.00
74 T	N-amyl acetate	50.000	22.719	54.6#	28	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	54.519	-9.0	66	0.00
76 T	1,2,3-Trichloropropane	50.000	51.891	-3.8	58	0.00
77 T	Bromobenzene	50.000	55.939	-11.9	69	0.00
78 T	n-propylbenzene	50.000	52.680	-5.4	66	0.00
79 T	2-Chlorotoluene	50.000	54.147	-8.3	68	0.00
80 T	1,3,5-Trimethylbenzene	50.000	53.536	-7.1	67	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	30.254	39.5#	37	0.00
82 T	4-Chlorotoluene	50.000	52.610	-5.2	66	0.00
83 T	tert-Butylbenzene	50.000	53.637	-7.3	67	0.00
84 T	1,2,4-Trimethylbenzene	50.000	54.932	-9.9	68	0.00
85 T	sec-Butylbenzene	50.000	52.692	-5.4	66	0.00
86 T	p-Isopropyltoluene	50.000	38.968	22.1	49	0.00
87 T	1,3-Dichlorobenzene	50.000	53.545	-7.1	66	0.00
88 T	1,4-Dichlorobenzene	50.000	53.174	-6.3	66	0.00
89 T	n-Butylbenzene	50.000	49.512	1.0	62	0.00
90 T	Hexachloroethane	50.000	52.729	-5.5	66	0.00
91 T	1,2-Dichlorobenzene	50.000	55.229	-10.5	68	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	53.884	-7.8	66	0.00
93 T	1,2,4-Trichlorobenzene	50.000	50.416	-0.8	61	0.00
94 T	Hexachlorobutadiene	50.000	47.676	4.6	60	0.00
95 T	Naphthalene	50.000	54.985	-10.0	65	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.543	-3.1	62	0.00

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