

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092624\
 Data File : VY019713.D
 Acq On : 26 Sep 2024 16:30
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 27 02:02:57 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	46	0.00
2 T	Dichlorodifluoromethane	50.000	45.089	9.8	43	0.00
3 P	Chloromethane	50.000	54.741	-9.5	53	0.00
4 C	Vinyl Chloride	50.000	60.729	-21.5#	56	0.00
5 T	Bromomethane	50.000	73.714	-47.4#	66	0.00
6 T	Chloroethane	50.000	68.738	-37.5#	63	0.00
7 T	Trichlorofluoromethane	50.000	60.385	-20.8	57	0.00
8 T	Diethyl Ether	50.000	62.660	-25.3#	55	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	58.117	-16.2	54	0.00
10 T	Methyl Iodide	50.000	52.505	-5.0	47	0.00
11 T	Tert butyl alcohol	250.000	378.568	-51.4#	66	0.00
12 CM	1,1-Dichloroethene	50.000	57.577	-15.2#	53	0.00
13 T	Acrolein	250.000	144.563	42.2#	31	0.00
14 T	Allyl chloride	50.000	56.168	-12.3	51	0.00
15 T	Acrylonitrile	250.000	337.037	-34.8#	58	0.00
16 T	Acetone	250.000	298.772	-19.5	49	0.00
17 T	Carbon Disulfide	50.000	52.910	-5.8	46	0.00
18 T	Methyl Acetate	50.000	66.626	-33.3#	53	0.00
19 T	Methyl tert-butyl Ether	50.000	65.448	-30.9#	58	-0.01
20 T	Methylene Chloride	50.000	61.510	-23.0	57	0.00
21 T	trans-1,2-Dichloroethene	50.000	60.294	-20.6	54	0.00
22 T	Diisopropyl ether	50.000	62.630	-25.3#	56	0.00
23 T	Vinyl Acetate	250.000	314.878	-26.0#	56	0.00
24 P	1,1-Dichloroethane	50.000	63.643	-27.3#	57	0.00
25 T	2-Butanone	250.000	317.145	-26.9#	54	0.00
26 T	2,2-Dichloropropane	50.000	58.101	-16.2	53	0.00
27 T	cis-1,2-Dichloroethene	50.000	63.593	-27.2#	57	0.00
28 T	Bromochloromethane	50.000	57.589	-15.2	50	0.00
29 T	Tetrahydrofuran	250.000	331.088	-32.4#	57	0.00
30 C	Chloroform	50.000	66.293	-32.6#	59	0.00
31 T	Cyclohexane	50.000	52.232	-4.5	50	0.00
32 T	1,1,1-Trichloroethane	50.000	62.606	-25.2#	57	0.00
33 S	1,2-Dichloroethane-d4	50.000	65.641	-31.3#	58	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	48	0.00
35 S	Dibromofluoromethane	50.000	61.057	-22.1	57	0.00
36 T	1,1-Dichloropropene	50.000	58.136	-16.3	54	0.00
37 T	Ethyl Acetate	50.000	63.035	-26.1#	56	0.00
38 T	Carbon Tetrachloride	50.000	58.936	-17.9	56	0.00
39 T	Methylcyclohexane	50.000	53.568	-7.1	51	0.00
40 TM	Benzene	50.000	59.962	-19.9	56	0.00
41 T	Methacrylonitrile	50.000	58.060	-16.1	49	0.00
42 TM	1,2-Dichloroethane	50.000	66.168	-32.3#	61	0.00
43 T	Isopropyl Acetate	50.000	62.325	-24.7	57	0.00
44 TM	Trichloroethene	50.000	57.897	-15.8	54	0.00
45 C	1,2-Dichloropropane	50.000	61.136	-22.3#	57	0.00
46 T	Dibromomethane	50.000	65.217	-30.4#	59	0.00
47 T	Bromodichloromethane	50.000	63.788	-27.6#	59	0.00
48 T	Methyl methacrylate	50.000	60.721	-21.4	53	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	1319.126	-31.9#	61	0.00
50 S	Toluene-d8	50.000	57.721	-15.4	53	0.00
51 T	4-Methyl-2-Pentanone	250.000	320.944	-28.4#	57	0.00
52 CM	Toluene	50.000	61.077	-22.2#	56	0.00
53 T	t-1,3-Dichloropropene	50.000	60.549	-21.1	55	0.00
54 T	cis-1,3-Dichloropropene	50.000	59.684	-19.4	55	0.00
55 T	1,1,2-Trichloroethane	50.000	64.270	-28.5#	58	0.00
56 T	Ethyl methacrylate	50.000	63.207	-26.4#	58	0.00
57 T	1,3-Dichloropropane	50.000	63.254	-26.5#	57	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	303.250	-21.3	56	0.00
59 T	2-Hexanone	250.000	299.389	-19.8	53	0.00
60 T	Dibromochloromethane	50.000	64.294	-28.6#	58	0.00
61 T	1,2-Dibromoethane	50.000	62.258	-24.5	57	0.00
62 S	4-Bromofluorobenzene	50.000	55.746	-11.5	53	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	48	0.00
64 T	Tetrachloroethene	50.000	58.128	-16.3	56	0.00
65 PM	Chlorobenzene	50.000	60.070	-20.1	58	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	60.924	-21.8	58	0.00
67 C	Ethyl Benzene	50.000	59.379	-18.8#	57	0.00
68 T	m/p-Xylenes	100.000	117.307	-17.3	56	0.00
69 T	o-Xylene	50.000	58.168	-16.3	56	0.00
70 T	Styrene	50.000	59.609	-19.2	57	0.00
71 P	Bromoform	50.000	60.437	-20.9	56	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	49	0.00
73 T	Isopropylbenzene	50.000	57.667	-15.3	57	0.00
74 T	N-amyl acetate	50.000	56.846	-13.7	54	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	63.341	-26.7#	60	0.00
76 T	1,2,3-Trichloropropane	50.000	51.916	-3.8	46	0.00
77 T	Bromobenzene	50.000	58.015	-16.0	57	0.00
78 T	n-propylbenzene	50.000	57.248	-14.5	56	0.00
79 T	2-Chlorotoluene	50.000	57.328	-14.7	56	0.00
80 T	1,3,5-Trimethylbenzene	50.000	56.757	-13.5	56	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	51.915	-3.8	50	0.00
82 T	4-Chlorotoluene	50.000	57.330	-14.7	56	0.00
83 T	tert-Butylbenzene	50.000	57.876	-15.8	57	0.00
84 T	1,2,4-Trimethylbenzene	50.000	57.121	-14.2	56	0.00
85 T	sec-Butylbenzene	50.000	57.410	-14.8	57	0.00
86 T	p-Isopropyltoluene	50.000	57.489	-15.0	57	0.00
87 T	1,3-Dichlorobenzene	50.000	58.449	-16.9	57	0.00
88 T	1,4-Dichlorobenzene	50.000	57.977	-16.0	57	0.00
89 T	n-Butylbenzene	50.000	56.109	-12.2	55	0.00
90 T	Hexachloroethane	50.000	55.965	-11.9	55	0.00
91 T	1,2-Dichlorobenzene	50.000	58.649	-17.3	57	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	58.412	-16.8	56	0.00
93 T	1,2,4-Trichlorobenzene	50.000	53.938	-7.9	52	0.00
94 T	Hexachlorobutadiene	50.000	54.576	-9.2	55	0.00
95 T	Naphthalene	50.000	55.066	-10.1	52	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	54.479	-9.0	52	0.00

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