

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030824\
 Data File : VY017626.D
 Acq On : 08 Mar 2024 17:34
 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: Mar 08 22:26:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 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	53	0.00
2 T	Dichlorodifluoromethane	50.000	58.794	-17.6	64	0.00
3 P	Chloromethane	50.000	79.676	-59.4#	87	0.00
4 C	Vinyl Chloride	50.000	91.063	-82.1#	98	0.00
5 T	Bromomethane	50.000	95.266	-90.5#	106	0.00
6 T	Chloroethane	50.000	99.465	-98.9#	104	0.00
7 T	Trichlorofluoromethane	50.000	66.678	-33.4#	71	0.00
8 T	Diethyl Ether	50.000	66.503	-33.0#	67	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	60.629	-21.3	64	0.00
10 T	Methyl Iodide	50.000	60.782	-21.6	59	0.00
11 T	Tert butyl alcohol	250.000	287.633	-15.1	67	0.00
12 CM	1,1-Dichloroethene	50.000	63.167	-26.3#	66	0.00
13 T	Acrolein	250.000	196.426	21.4	42	0.00
14 T	Allyl chloride	50.000	70.601	-41.2#	72	0.00
15 T	Acrylonitrile	250.000	338.725	-35.5#	67	0.00
16 T	Acetone	250.000	348.482	-39.4#	71	0.00
17 T	Carbon Disulfide	50.000	64.008	-28.0#	67	0.00
18 T	Methyl Acetate	50.000	74.955	-49.9#	72	0.00
19 T	Methyl tert-butyl Ether	50.000	71.749	-43.5#	70	0.00
20 T	Methylene Chloride	50.000	78.877	-57.8#	76	0.00
21 T	trans-1,2-Dichloroethene	50.000	66.301	-32.6#	68	0.00
22 T	Diisopropyl ether	50.000	75.014	-50.0#	74	0.00
23 T	Vinyl Acetate	250.000	377.018	-50.8#	73	0.00
24 P	1,1-Dichloroethane	50.000	69.119	-38.2#	71	0.00
25 T	2-Butanone	250.000	367.007	-46.8#	72	0.00
26 T	2,2-Dichloropropane	50.000	69.376	-38.8#	73	0.00
27 T	cis-1,2-Dichloroethene	50.000	68.525	-37.1#	69	0.00
28 T	Bromochloromethane	50.000	70.336	-40.7#	87	0.00
29 T	Tetrahydrofuran	250.000	365.188	-46.1#	70	0.00
30 C	Chloroform	50.000	69.647	-39.3#	72	0.00
31 T	Cyclohexane	50.000	64.932	-29.9#	69	0.00
32 T	1,1,1-Trichloroethane	50.000	67.280	-34.6#	70	0.00
33 S	1,2-Dichloroethane-d4	50.000	59.301	-18.6	64	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	56	0.00
35 S	Dibromofluoromethane	50.000	52.033	-4.1	59	0.00
36 T	1,1-Dichloropropene	50.000	66.022	-32.0#	71	0.00
37 T	Ethyl Acetate	50.000	68.136	-36.3#	72	0.00
38 T	Carbon Tetrachloride	50.000	65.367	-30.7#	69	0.00
39 T	Methylcyclohexane	50.000	64.886	-29.8#	67	0.00
40 TM	Benzene	50.000	66.273	-32.5#	71	0.00
41 T	Methacrylonitrile	50.000	82.769	-65.5#	82	0.00
42 TM	1,2-Dichloroethane	50.000	70.357	-40.7#	74	0.00
43 T	Isopropyl Acetate	50.000	73.580	-47.2#	75	0.00
44 TM	Trichloroethene	50.000	60.985	-22.0	66	0.00
45 C	1,2-Dichloropropane	50.000	67.330	-34.7#	72	0.00
46 T	Dibromomethane	50.000	66.186	-32.4#	70	0.00
47 T	Bromodichloromethane	50.000	67.749	-35.5#	71	0.00
48 T	Methyl methacrylate	50.000	70.749	-41.5#	71	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	1333.506	-33.4#	68	0.00
50 S	Toluene-d8	50.000	55.460	-10.9	60	0.00
51 T	4-Methyl-2-Pentanone	250.000	358.704	-43.5#	73	0.00
52 CM	Toluene	50.000	67.015	-34.0#	71	0.00
53 T	t-1,3-Dichloropropene	50.000	68.523	-37.0#	70	0.00
54 T	cis-1,3-Dichloropropene	50.000	67.101	-34.2#	70	0.00
55 T	1,1,2-Trichloroethane	50.000	64.599	-29.2#	69	0.00
56 T	Ethyl methacrylate	50.000	63.307	-26.6#	68	0.00
57 T	1,3-Dichloropropane	50.000	67.310	-34.6#	70	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	363.179	-45.3#	87	0.00
59 T	2-Hexanone	250.000	369.488	-47.8#	72	0.00
60 T	Dibromochloromethane	50.000	65.688	-31.4#	68	0.00
61 T	1,2-Dibromoethane	50.000	64.751	-29.5#	67	0.00
62 S	4-Bromofluorobenzene	50.000	56.336	-12.7	59	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	59	0.00
64 T	Tetrachloroethene	50.000	56.372	-12.7	63	0.00
65 PM	Chlorobenzene	50.000	61.856	-23.7	68	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	62.957	-25.9#	69	0.00
67 C	Ethyl Benzene	50.000	66.286	-32.6#	71	0.00
68 T	m/p-Xylenes	100.000	130.524	-30.5#	70	0.00
69 T	o-Xylene	50.000	66.476	-33.0#	70	0.00
70 T	Styrene	50.000	66.697	-33.4#	69	0.00
71 P	Bromoform	50.000	62.201	-24.4	67	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	59	0.00
73 T	Isopropylbenzene	50.000	62.604	-25.2#	70	0.00
74 T	N-ethyl acetate	50.000	71.847	-43.7#	76	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	64.241	-28.5#	71	0.00
76 T	1,2,3-Trichloropropane	50.000	65.952	-31.9#	77	0.00
77 T	Bromobenzene	50.000	58.267	-16.5	66	0.00
78 T	n-propylbenzene	50.000	63.891	-27.8#	71	0.00
79 T	2-Chlorotoluene	50.000	61.243	-22.5	69	0.00
80 T	1,3,5-Trimethylbenzene	50.000	63.093	-26.2#	69	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	63.840	-27.7#	70	0.00
82 T	4-Chlorotoluene	50.000	61.334	-22.7	70	0.00
83 T	tert-Butylbenzene	50.000	63.324	-26.6#	70	0.00
84 T	1,2,4-Trimethylbenzene	50.000	64.321	-28.6#	71	0.00
85 T	sec-Butylbenzene	50.000	64.056	-28.1#	70	0.00
86 T	p-Isopropyltoluene	50.000	63.996	-28.0#	70	0.00
87 T	1,3-Dichlorobenzene	50.000	59.761	-19.5	68	0.00
88 T	1,4-Dichlorobenzene	50.000	59.466	-18.9	67	0.00
89 T	n-Butylbenzene	50.000	66.261	-32.5#	71	0.00
90 T	Hexachloroethane	50.000	60.237	-20.5	69	0.00
91 T	1,2-Dichlorobenzene	50.000	60.661	-21.3	67	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	62.122	-24.2	71	0.00
93 T	1,2,4-Trichlorobenzene	50.000	63.008	-26.0#	67	0.00
94 T	Hexachlorobutadiene	50.000	58.092	-16.2	67	0.00
95 T	Naphthalene	50.000	60.800	-21.6	71	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	61.865	-23.7	66	0.00

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