

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041124\
 Data File : VY017917.D
 Acq On : 11 Apr 2024 17:35
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Apr 12 05:03:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 05:58:13 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	54	0.00
2 T	Dichlorodifluoromethane	50.000	65.769	-31.5#	86	0.00
3 P	Chloromethane	50.000	69.906	-39.8#	85	0.00
4 C	Vinyl Chloride	50.000	85.196	-70.4#	104	0.00
5 T	Bromomethane	50.000	94.376	-88.8#	121	0.00
6 T	Chloroethane	50.000	116.038	-132.1#	142	0.00
7 T	Trichlorofluoromethane	50.000	71.010	-42.0#	89	0.00
8 T	Diethyl Ether	50.000	66.576	-33.2#	81	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	65.761	-31.5#	82	0.00
10 T	Methyl Iodide	50.000	65.185	-30.4#	73	0.00
11 T	Tert butyl alcohol	250.000	354.429	-41.8#	82	0.00
12 CM	1,1-Dichloroethene	50.000	64.141	-28.3#	78	0.00
13 T	Acrolein	250.000	167.368	33.1#	39	0.00
14 T	Allyl chloride	50.000	58.776	-17.6	71	0.00
15 T	Acrylonitrile	250.000	337.203	-34.9#	81	0.00
16 T	Acetone	250.000	304.798	-21.9	71	0.00
17 T	Carbon Disulfide	50.000	57.025	-14.0	64	0.00
18 T	Methyl Acetate	50.000	66.021	-32.0#	81	0.00
19 T	Methyl tert-butyl Ether	50.000	72.710	-45.4#	88	0.00
20 T	Methylene Chloride	50.000	64.252	-28.5#	75	0.00
21 T	trans-1,2-Dichloroethene	50.000	66.303	-32.6#	79	0.00
22 T	Diisopropyl ether	50.000	66.923	-33.8#	80	0.00
23 T	Vinyl Acetate	250.000	346.918	-38.8#	82	0.00
24 P	1,1-Dichloroethane	50.000	67.620	-35.2#	83	0.00
25 T	2-Butanone	250.000	333.740	-33.5#	80	0.00
26 T	2,2-Dichloropropane	50.000	67.274	-34.5#	85	0.00
27 T	cis-1,2-Dichloroethene	50.000	69.963	-39.9#	85	0.00
28 T	Bromochloromethane	50.000	53.922	-7.8	56	0.00
29 T	Tetrahydrofuran	250.000	344.785	-37.9#	82	0.00
30 C	Chloroform	50.000	71.062	-42.1#	88	0.00
31 T	Cyclohexane	50.000	56.993	-14.0	71	0.00
32 T	1,1,1-Trichloroethane	50.000	70.176	-40.4#	87	0.00
33 S	1,2-Dichloroethane-d4	50.000	58.182	-16.4	68	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	53	0.00
35 S	Dibromofluoromethane	50.000	57.197	-14.4	66	0.00
36 T	1,1-Dichloropropene	50.000	67.015	-34.0#	80	0.00
37 T	Ethyl Acetate	50.000	68.627	-37.3#	85	0.00
38 T	Carbon Tetrachloride	50.000	70.736	-41.5#	87	0.00
39 T	Methylcyclohexane	50.000	64.471	-28.9#	76	0.00
40 TM	Benzene	50.000	67.511	-35.0#	82	0.00
41 T	Methacrylonitrile	50.000	70.926	-41.9#	84	0.00
42 TM	1,2-Dichloroethane	50.000	70.913	-41.8#	86	0.00
43 T	Isopropyl Acetate	50.000	70.857	-41.7#	87	0.00
44 TM	Trichloroethene	50.000	68.366	-36.7#	83	0.00
45 C	1,2-Dichloropropane	50.000	68.057	-36.1#	83	0.00
46 T	Dibromomethane	50.000	71.702	-43.4#	87	0.00
47 T	Bromodichloromethane	50.000	73.022	-46.0#	89	0.00
48 T	Methyl methacrylate	50.000	66.684	-33.4#	79	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	1558.257	-55.8#	92	0.00
50 S	Toluene-d8	50.000	55.870	-11.7	64	0.00
51 T	4-Methyl-2-Pentanone	250.000	370.421	-48.2#	89	0.00
52 CM	Toluene	50.000	70.389	-40.8#	85	0.00
53 T	t-1,3-Dichloropropene	50.000	72.218	-44.4#	87	0.00
54 T	cis-1,3-Dichloropropene	50.000	69.583	-39.2#	84	0.00
55 T	1,1,2-Trichloroethane	50.000	71.416	-42.8#	89	0.00
56 T	Ethyl methacrylate	50.000	71.705	-43.4#	85	0.00
57 T	1,3-Dichloropropane	50.000	71.389	-42.8#	87	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	291.484	-16.6	58	0.00
59 T	2-Hexanone	250.000	357.581	-43.0#	85	0.00
60 T	Dibromochloromethane	50.000	74.552	-49.1#	92	0.00
61 T	1,2-Dibromoethane	50.000	71.326	-42.7#	86	0.00
62 S	4-Bromofluorobenzene	50.000	56.277	-12.6	65	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	56	0.00
64 T	Tetrachloroethene	50.000	68.527	-37.1#	88	0.00
65 PM	Chlorobenzene	50.000	66.703	-33.4#	86	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	70.281	-40.6#	91	0.00
67 C	Ethyl Benzene	50.000	69.708	-39.4#	89	0.00
68 T	m/p-Xylenes	100.000	139.921	-39.9#	89	0.00
69 T	o-Xylene	50.000	72.671	-45.3#	90	0.00
70 T	Styrene	50.000	73.326	-46.7#	90	0.00
71 P	Bromoform	50.000	70.620	-41.2#	91	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	57	0.00
73 T	Isopropylbenzene	50.000	67.423	-34.8#	89	0.00
74 T	N-amyl acetate	50.000	67.932	-35.9#	86	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	65.994	-32.0#	89	0.00
76 T	1,2,3-Trichloropropane	50.000	58.729	-17.5	76	0.00
77 T	Bromobenzene	50.000	65.138	-30.3#	89	0.00
78 T	n-propylbenzene	50.000	65.942	-31.9#	86	0.00
79 T	2-Chlorotoluene	50.000	64.621	-29.2#	86	0.00
80 T	1,3,5-Trimethylbenzene	50.000	66.637	-33.3#	87	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	66.489	-33.0#	86	0.00
82 T	4-Chlorotoluene	50.000	62.513	-25.0#	82	0.00
83 T	tert-Butylbenzene	50.000	68.119	-36.2#	91	0.00
84 T	1,2,4-Trimethylbenzene	50.000	68.565	-37.1#	90	0.00
85 T	sec-Butylbenzene	50.000	68.144	-36.3#	89	0.00
86 T	p-Isopropyltoluene	50.000	68.607	-37.2#	91	0.00
87 T	1,3-Dichlorobenzene	50.000	67.330	-34.7#	92	0.00
88 T	1,4-Dichlorobenzene	50.000	65.290	-30.6#	88	0.00
89 T	n-Butylbenzene	50.000	67.899	-35.8#	88	0.00
90 T	Hexachloroethane	50.000	66.403	-32.8#	91	0.00
91 T	1,2-Dichlorobenzene	50.000	67.268	-34.5#	88	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	63.051	-26.1#	84	0.00
93 T	1,2,4-Trichlorobenzene	50.000	66.011	-32.0#	84	0.00
94 T	Hexachlorobutadiene	50.000	62.009	-24.0	83	0.00
95 T	Naphthalene	50.000	67.896	-35.8#	87	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	67.257	-34.5#	85	0.00

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