

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110323\
 Data File : VY016217.D
 Acq On : 03 Nov 2023 17:17
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Nov 03 23:04:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 01 03:33:29 2023
 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	89	0.00
2 T	Dichlorodifluoromethane	50.000	50.949	-1.9	87	0.00
3 P	Chloromethane	50.000	47.286	5.4	86	0.00
4 C	Vinyl Chloride	50.000	52.191	-4.4#	91	0.00
5 T	Bromomethane	50.000	52.467	-4.9	96	0.00
6 T	Chloroethane	50.000	51.223	-2.4	92	0.00
7 T	Trichlorofluoromethane	50.000	53.813	-7.6	94	0.00
8 T	Diethyl Ether	50.000	55.783	-11.6	105	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	52.019	-4.0	92	0.00
10 T	Methyl Iodide	50.000	53.332	-6.7	96	0.00
11 T	Tert butyl alcohol	250.000	286.777	-14.7	127	0.01
12 CM	1,1-Dichloroethene	50.000	51.872	-3.7#	94	0.00
13 T	Acrolein	250.000	305.430	-22.2	126	0.00
14 T	Allyl chloride	50.000	56.775	-13.5	103	0.00
15 T	Acrylonitrile	250.000	285.975	-14.4	111	0.00
16 T	Acetone	250.000	272.063	-8.8	105	0.00
17 T	Carbon Disulfide	50.000	51.140	-2.3	89	0.00
18 T	Methyl Acetate	50.000	58.375	-16.8	114	0.00
19 T	Methyl tert-butyl Ether	50.000	56.709	-13.4	107	0.00
20 T	Methylene Chloride	50.000	53.835	-7.7	99	0.00
21 T	trans-1,2-Dichloroethene	50.000	52.842	-5.7	95	0.00
22 T	Diisopropyl ether	50.000	56.189	-12.4	104	0.00
23 T	Vinyl Acetate	250.000	281.724	-12.7	106	0.00
24 P	1,1-Dichloroethane	50.000	54.347	-8.7	100	0.00
25 T	2-Butanone	250.000	276.236	-10.5	113	0.00
26 T	2,2-Dichloropropane	50.000	53.217	-6.4	95	0.00
27 T	cis-1,2-Dichloroethene	50.000	54.674	-9.3	100	0.00
28 T	Bromochloromethane	50.000	54.061	-8.1	98	0.00
29 T	Tetrahydrofuran	250.000	295.620	-18.2	114	0.00
30 C	Chloroform	50.000	54.988	-10.0#	101	0.00
31 T	Cyclohexane	50.000	50.023	-0.0	93	0.00
32 T	1,1,1-Trichloroethane	50.000	53.032	-6.1	96	0.00
33 S	1,2-Dichloroethane-d4	50.000	51.291	-2.6	98	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	94	0.00
35 S	Dibromofluoromethane	50.000	47.259	5.5	94	0.00
36 T	1,1-Dichloropropene	50.000	50.143	-0.3	95	0.00
37 T	Ethyl Acetate	50.000	54.790	-9.6	110	0.00
38 T	Carbon Tetrachloride	50.000	55.035	-10.1	100	0.00
39 T	Methylcyclohexane	50.000	50.993	-2.0	92	0.00
40 TM	Benzene	50.000	51.422	-2.8	99	0.00
41 T	Methacrylonitrile	50.000	49.032	1.9	108	0.00
42 TM	1,2-Dichloroethane	50.000	52.671	-5.3	103	0.00
43 T	Isopropyl Acetate	50.000	55.008	-10.0	111	0.00
44 TM	Trichloroethene	50.000	50.966	-1.9	96	0.00
45 C	1,2-Dichloropropane	50.000	54.040	-8.1#	102	0.00
46 T	Dibromomethane	50.000	53.515	-7.0	103	0.00
47 T	Bromodichloromethane	50.000	54.597	-9.2	105	0.00
48 T	Methyl methacrylate	50.000	53.839	-7.7	107	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	1027.932	-2.8	105	0.00
50 S	Toluene-d8	50.000	48.873	2.3	94	0.00
51 T	4-Methyl-2-Pentanone	250.000	284.693	-13.9	113	0.00
52 CM	Toluene	50.000	52.073	-4.1#	98	0.00
53 T	t-1,3-Dichloropropene	50.000	54.570	-9.1	106	0.00
54 T	cis-1,3-Dichloropropene	50.000	53.075	-6.2	103	0.00
55 T	1,1,2-Trichloroethane	50.000	53.506	-7.0	105	0.00
56 T	Ethyl methacrylate	50.000	56.267	-12.5	109	0.00
57 T	1,3-Dichloropropane	50.000	52.985	-6.0	105	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	262.979	-5.2	105	0.00
59 T	2-Hexanone	250.000	285.885	-14.4	114	0.00
60 T	Dibromochloromethane	50.000	54.160	-8.3	105	0.00
61 T	1,2-Dibromoethane	50.000	53.554	-7.1	105	0.00
62 S	4-Bromofluorobenzene	50.000	48.291	3.4	99	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	95	0.00
64 T	Tetrachloroethene	50.000	47.795	4.4	90	0.00
65 PM	Chlorobenzene	50.000	51.670	-3.3	99	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	54.095	-8.2	103	0.00
67 C	Ethyl Benzene	50.000	52.104	-4.2#	97	0.00
68 T	m/p-Xylenes	100.000	104.001	-4.0	97	0.00
69 T	o-Xylene	50.000	52.302	-4.6	99	0.00
70 T	Styrene	50.000	52.710	-5.4	99	0.00
71 P	Bromoform	50.000	55.313	-10.6	109	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	94	0.00
73 T	Isopropylbenzene	50.000	51.604	-3.2	97	0.00
74 T	N-ethyl acetate	50.000	55.269	-10.5	107	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	55.083	-10.2	113	0.00
76 T	1,2,3-Trichloropropane	50.000	55.343	-10.7	98	0.00
77 T	Bromobenzene	50.000	52.291	-4.6	102	0.00
78 T	n-propylbenzene	50.000	51.138	-2.3	95	0.00
79 T	2-Chlorotoluene	50.000	51.453	-2.9	98	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.385	-2.8	97	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	55.582	-11.2	111	0.00
82 T	4-Chlorotoluene	50.000	50.756	-1.5	97	0.00
83 T	tert-Butylbenzene	50.000	51.350	-2.7	95	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.242	-2.5	98	0.00
85 T	sec-Butylbenzene	50.000	51.846	-3.7	97	0.00
86 T	p-Isopropyltoluene	50.000	51.225	-2.5	95	0.00
87 T	1,3-Dichlorobenzene	50.000	51.287	-2.6	98	0.00
88 T	1,4-Dichlorobenzene	50.000	50.909	-1.8	100	0.00
89 T	n-Butylbenzene	50.000	51.634	-3.3	96	0.00
90 T	Hexachloroethane	50.000	56.538	-13.1	105	0.00
91 T	1,2-Dichlorobenzene	50.000	52.592	-5.2	102	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	48.065	3.9	98	0.00
93 T	1,2,4-Trichlorobenzene	50.000	50.466	-0.9	96	0.00
94 T	Hexachlorobutadiene	50.000	50.775	-1.5	96	0.00
95 T	Naphthalene	50.000	49.986	0.0	100	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	49.839	0.3	97	0.00

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