

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051823\
 Data File : VY013791.D
 Acq On : 18 May 2023 10:29
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: May 19 03:20:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051723S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 18 06:54:18 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	101	0.00
2 T	Dichlorodifluoromethane	50.000	51.407	-2.8	106	0.00
3 P	Chloromethane	50.000	46.193	7.6	97	0.00
4 C	Vinyl Chloride	50.000	47.575	4.8#	98	0.00
5 T	Bromomethane	50.000	40.692	18.6	93	0.00
6 T	Chloroethane	50.000	44.859	10.3	96	0.00
7 T	Trichlorofluoromethane	50.000	52.881	-5.8	109	0.00
8 T	Diethyl Ether	50.000	48.612	2.8	97	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	51.032	-2.1	107	0.00
10 T	Methyl Iodide	50.000	52.027	-4.1	100	0.00
11 T	Tert butyl alcohol	250.000	257.502	-3.0	104	0.00
12 CM	1,1-Dichloroethene	50.000	51.248	-2.5#	104	0.00
13 T	Acrolein	250.000	209.957	16.0	85	0.00
14 T	Allyl chloride	50.000	50.742	-1.5	101	0.00
15 T	Acrylonitrile	250.000	223.965	10.4	89	0.00
16 T	Acetone	250.000	242.431	3.0	95	0.00
17 T	Carbon Disulfide	50.000	48.921	2.2	102	0.00
18 T	Methyl Acetate	50.000	44.317	11.4	89	0.00
19 T	Methyl tert-butyl Ether	50.000	48.637	2.7	94	0.00
20 T	Methylene Chloride	50.000	53.581	-7.2	104	0.00
21 T	trans-1,2-Dichloroethene	50.000	49.625	0.8	100	0.00
22 T	Diisopropyl ether	50.000	49.620	0.8	96	0.00
23 T	Vinyl Acetate	250.000	242.336	3.1	92	0.00
24 P	1,1-Dichloroethane	50.000	49.425	1.2	100	0.00
25 T	2-Butanone	250.000	227.315	9.1	88	0.00
26 T	2,2-Dichloropropane	50.000	51.864	-3.7	104	0.00
27 T	cis-1,2-Dichloroethene	50.000	50.012	-0.0	99	0.00
28 T	Bromochloromethane	50.000	42.419	15.2	90	0.00
29 T	Tetrahydrofuran	250.000	219.760	12.1	84	0.00
30 C	Chloroform	50.000	49.613	0.8#	100	0.00
31 T	Cyclohexane	50.000	46.422	7.2	100	0.00
32 T	1,1,1-Trichloroethane	50.000	51.758	-3.5	104	0.00
33 S	1,2-Dichloroethane-d4	50.000	48.898	2.2	98	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	99	0.00
35 S	Dibromofluoromethane	50.000	50.464	-0.9	98	0.00
36 T	1,1-Dichloropropene	50.000	50.895	-1.8	100	0.00
37 T	Ethyl Acetate	50.000	44.903	10.2	86	0.00
38 T	Carbon Tetrachloride	50.000	53.379	-6.8	106	0.00
39 T	Methylcyclohexane	50.000	50.125	-0.3	99	0.00
40 TM	Benzene	50.000	50.387	-0.8	100	0.00
41 T	Methacrylonitrile	50.000	47.996	4.0	106	0.00
42 TM	1,2-Dichloroethane	50.000	51.039	-2.1	99	0.00
43 T	Isopropyl Acetate	50.000	46.283	7.4	88	0.00
44 TM	Trichloroethene	50.000	50.521	-1.0	101	0.00
45 C	1,2-Dichloropropane	50.000	49.352	1.3#	96	0.00
46 T	Dibromomethane	50.000	47.958	4.1	93	0.00
47 T	Bromodichloromethane	50.000	51.068	-2.1	98	0.00
48 T	Methyl methacrylate	50.000	46.392	7.2	87	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	913.603	8.6	84	0.00
50 S	Toluene-d8	50.000	50.995	-2.0	100	0.00
51 T	4-Methyl-2-Pentanone	250.000	227.819	8.9	84	0.00
52 CM	Toluene	50.000	51.037	-2.1#	98	0.00
53 T	t-1,3-Dichloropropene	50.000	49.594	0.8	95	0.00
54 T	cis-1,3-Dichloropropene	50.000	49.465	1.1	96	0.00
55 T	1,1,2-Trichloroethane	50.000	48.199	3.6	93	0.00
56 T	Ethyl methacrylate	50.000	49.407	1.2	89	0.00
57 T	1,3-Dichloropropane	50.000	48.296	3.4	94	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	206.048	17.6	87	0.00
59 T	2-Hexanone	250.000	231.726	7.3	85	0.00
60 T	Dibromochloromethane	50.000	50.068	-0.1	96	0.00
61 T	1,2-Dibromoethane	50.000	48.130	3.7	92	0.00
62 S	4-Bromofluorobenzene	50.000	49.385	1.2	95	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	97	0.00
64 T	Tetrachloroethene	50.000	49.846	0.3	99	0.00
65 PM	Chlorobenzene	50.000	50.695	-1.4	99	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	51.640	-3.3	99	0.00
67 C	Ethyl Benzene	50.000	52.608	-5.2#	100	0.00
68 T	m/p-Xylenes	100.000	105.336	-5.3	99	0.00
69 T	o-Xylene	50.000	52.205	-4.4	98	0.00
70 T	Styrene	50.000	52.353	-4.7	97	0.00
71 P	Bromoform	50.000	50.109	-0.2	94	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	96	0.00
73 T	Isopropylbenzene	50.000	53.307	-6.6	99	0.00
74 T	N-amyl acetate	50.000	46.383	7.2	84	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	47.454	5.1	88	0.00
76 T	1,2,3-Trichloropropane	50.000	43.249	13.5	81	0.00
77 T	Bromobenzene	50.000	51.893	-3.8	98	0.00
78 T	n-propylbenzene	50.000	52.704	-5.4	97	0.00
79 T	2-Chlorotoluene	50.000	52.222	-4.4	98	0.00
80 T	1,3,5-Trimethylbenzene	50.000	53.705	-7.4	99	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	47.848	4.3	87	0.00
82 T	4-Chlorotoluene	50.000	51.573	-3.1	97	0.00
83 T	tert-Butylbenzene	50.000	54.809	-9.6	102	0.00
84 T	1,2,4-Trimethylbenzene	50.000	53.234	-6.5	98	0.00
85 T	sec-Butylbenzene	50.000	53.327	-6.7	99	0.00
86 T	p-Isopropyltoluene	50.000	53.608	-7.2	100	0.00
87 T	1,3-Dichlorobenzene	50.000	51.580	-3.2	98	0.00
88 T	1,4-Dichlorobenzene	50.000	50.524	-1.0	97	0.00
89 T	n-Butylbenzene	50.000	52.964	-5.9	99	0.00
90 T	Hexachloroethane	50.000	50.736	-1.5	98	0.00
91 T	1,2-Dichlorobenzene	50.000	51.896	-3.8	97	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	44.323	11.4	83	0.00
93 T	1,2,4-Trichlorobenzene	50.000	52.416	-4.8	102	0.00
94 T	Hexachlorobutadiene	50.000	52.783	-5.6	105	0.00
95 T	Naphthalene	50.000	49.314	1.4	93	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.244	-0.5	98	0.00

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