

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042723\
 Data File : VY013511.D
 Acq On : 27 Apr 2023 22:44
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Apr 28 01:36:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 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	112	0.00
2 T	Dichlorodifluoromethane	50.000	45.776	8.4	100	0.00
3 P	Chloromethane	50.000	41.949	16.1	96	0.00
4 C	Vinyl Chloride	50.000	40.647	18.7#	93	0.00
5 T	Bromomethane	50.000	40.470	19.1	97	0.00
6 T	Chloroethane	50.000	39.453	21.1	94	0.00
7 T	Trichlorofluoromethane	50.000	44.355	11.3	100	0.00
8 T	Diethyl Ether	50.000	46.873	6.3	103	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	43.471	13.1	101	0.00
10 T	Methyl Iodide	50.000	42.864	14.3	88	0.00
11 T	Tert butyl alcohol	250.000	282.959	-13.2	137	0.00
12 CM	1,1-Dichloroethene	50.000	43.725	12.5#	97	0.00
13 T	Acrolein	250.000	239.824	4.1	115	0.00
14 T	Allyl chloride	50.000	44.528	10.9	98	0.00
15 T	Acrylonitrile	250.000	268.019	-7.2	116	0.00
16 T	Acetone	250.000	197.340	21.1	81	0.00
17 T	Carbon Disulfide	50.000	43.182	13.6	95	0.00
18 T	Methyl Acetate	50.000	50.924	-1.8	113	0.00
19 T	Methyl tert-butyl Ether	50.000	49.236	1.5	107	0.00
20 T	Methylene Chloride	50.000	45.736	8.5	106	0.00
21 T	trans-1,2-Dichloroethene	50.000	46.664	6.7	102	0.00
22 T	Diisopropyl ether	50.000	49.507	1.0	109	0.00
23 T	Vinyl Acetate	250.000	257.861	-3.1	110	0.00
24 P	1,1-Dichloroethane	50.000	47.227	5.5	105	0.00
25 T	2-Butanone	250.000	242.655	2.9	104	0.00
26 T	2,2-Dichloropropane	50.000	41.798	16.4	93	0.00
27 T	cis-1,2-Dichloroethene	50.000	48.418	3.2	108	0.00
28 T	Bromochloromethane	50.000	54.296	-8.6	123	0.00
29 T	Tetrahydrofuran	250.000	267.967	-7.2	115	0.00
30 C	Chloroform	50.000	49.656	0.7#	112	0.00
31 T	Cyclohexane	50.000	41.670	16.7	97	0.00
32 T	1,1,1-Trichloroethane	50.000	47.567	4.9	106	0.00
33 S	1,2-Dichloroethane-d4	50.000	54.469	-8.9	129	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	114	0.00
35 S	Dibromofluoromethane	50.000	52.469	-4.9	126	0.00
36 T	1,1-Dichloropropene	50.000	46.103	7.8	105	0.00
37 T	Ethyl Acetate	50.000	51.781	-3.6	112	0.00
38 T	Carbon Tetrachloride	50.000	47.073	5.9	106	0.00
39 T	Methylcyclohexane	50.000	43.727	12.5	97	0.00
40 TM	Benzene	50.000	48.418	3.2	109	0.00
41 T	Methacrylonitrile	50.000	48.432	3.1	106	0.00
42 TM	1,2-Dichloroethane	50.000	51.866	-3.7	115	0.00
43 T	Isopropyl Acetate	50.000	50.769	-1.5	112	0.00
44 TM	Trichloroethene	50.000	46.194	7.6	104	0.00
45 C	1,2-Dichloropropane	50.000	49.390	1.2#	111	0.00
46 T	Dibromomethane	50.000	50.101	-0.2	112	0.00
47 T	Bromodichloromethane	50.000	50.654	-1.3	114	0.00
48 T	Methyl methacrylate	50.000	51.100	-2.2	108	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	1127.567	-12.8	122	0.00
50 S	Toluene-d8	50.000	50.104	-0.2	121	0.00
51 T	4-Methyl-2-Pentanone	250.000	271.866	-8.7	117	0.00
52 CM	Toluene	50.000	48.954	2.1#	109	0.00
53 T	t-1,3-Dichloropropene	50.000	48.852	2.3	107	0.00
54 T	cis-1,3-Dichloropropene	50.000	48.015	4.0	107	0.00
55 T	1,1,2-Trichloroethane	50.000	51.372	-2.7	115	0.00
56 T	Ethyl methacrylate	50.000	52.526	-5.1	111	0.00
57 T	1,3-Dichloropropane	50.000	51.491	-3.0	116	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	260.054	-4.0	126	0.00
59 T	2-Hexanone	250.000	265.119	-6.0	111	0.00
60 T	Dibromochloromethane	50.000	50.731	-1.5	111	0.00
61 T	1,2-Dibromoethane	50.000	50.729	-1.5	112	0.00
62 S	4-Bromofluorobenzene	50.000	52.878	-5.8	129	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	119	0.00
64 T	Tetrachloroethene	50.000	47.759	4.5	113	0.00
65 PM	Chlorobenzene	50.000	46.676	6.6	110	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	48.634	2.7	116	0.00
67 C	Ethyl Benzene	50.000	47.379	5.2#	110	0.00
68 T	m/p-Xylenes	100.000	94.225	5.8	109	0.00
69 T	o-Xylene	50.000	47.406	5.2	108	0.00
70 T	Styrene	50.000	49.036	1.9	113	0.00
71 P	Bromoform	50.000	51.300	-2.6	120	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	122	0.00
73 T	Isopropylbenzene	50.000	45.263	9.5	107	0.00
74 T	N-amyl acetate	50.000	49.052	1.9	111	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	47.888	4.2	114	0.00
76 T	1,2,3-Trichloropropane	50.000	46.691	6.6	109	0.00
77 T	Bromobenzene	50.000	48.510	3.0	115	0.00
78 T	n-propylbenzene	50.000	45.594	8.8	108	0.00
79 T	2-Chlorotoluene	50.000	46.657	6.7	111	0.00
80 T	1,3,5-Trimethylbenzene	50.000	46.327	7.3	109	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	46.335	7.3	106	0.00
82 T	4-Chlorotoluene	50.000	46.080	7.8	110	0.00
83 T	tert-Butylbenzene	50.000	46.495	7.0	110	0.00
84 T	1,2,4-Trimethylbenzene	50.000	47.918	4.2	112	0.00
85 T	sec-Butylbenzene	50.000	44.767	10.5	106	0.00
86 T	p-Isopropyltoluene	50.000	45.640	8.7	108	0.00
87 T	1,3-Dichlorobenzene	50.000	46.870	6.3	113	0.00
88 T	1,4-Dichlorobenzene	50.000	46.369	7.3	113	0.00
89 T	n-Butylbenzene	50.000	43.627	12.7	104	0.00
90 T	Hexachloroethane	50.000	44.320	11.4	109	0.00
91 T	1,2-Dichlorobenzene	50.000	48.705	2.6	116	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	49.848	0.3	121	0.00
93 T	1,2,4-Trichlorobenzene	50.000	47.307	5.4	114	0.00
94 T	Hexachlorobutadiene	50.000	44.322	11.4	110	0.00
95 T	Naphthalene	50.000	49.791	0.4	115	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	49.373	1.3	118	0.00

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