

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090523\
 Data File : VY015430.D
 Acq On : 05 Sep 2023 12:02
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 06 05:29:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 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	100	0.00
2 T	Dichlorodifluoromethane	50.000	43.725	12.5	83	0.00
3 P	Chloromethane	50.000	49.081	1.8	92	0.00
4 C	Vinyl Chloride	50.000	46.016	8.0#	87	0.00
5 T	Bromomethane	50.000	44.854	10.3	86	0.00
6 T	Chloroethane	50.000	47.683	4.6	91	0.00
7 T	Trichlorofluoromethane	50.000	45.265	9.5	87	0.00
8 T	Diethyl Ether	50.000	53.732	-7.5	100	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	46.673	6.7	89	-0.01
10 T	Methyl Iodide	50.000	50.378	-0.8	90	0.00
11 T	Tert butyl alcohol	250.000	287.193	-14.9	112	0.01
12 CM	1,1-Dichloroethene	50.000	47.718	4.6#	91	0.00
13 T	Acrolein	250.000	237.694	4.9	80	0.00
14 T	Allyl chloride	50.000	53.316	-6.6	99	0.00
15 T	Acrylonitrile	250.000	291.851	-16.7	104	0.00
16 T	Acetone	250.000	286.960	-14.8	92	0.00
17 T	Carbon Disulfide	50.000	47.935	4.1	91	0.00
18 T	Methyl Acetate	50.000	58.552	-17.1	105	0.00
19 T	Methyl tert-butyl Ether	50.000	53.928	-7.9	99	0.00
20 T	Methylene Chloride	50.000	47.174	5.7	94	0.00
21 T	trans-1,2-Dichloroethene	50.000	50.010	-0.0	95	0.00
22 T	Diisopropyl ether	50.000	52.503	-5.0	99	0.00
23 T	Vinyl Acetate	250.000	276.096	-10.4	100	0.00
24 P	1,1-Dichloroethane	50.000	51.007	-2.0	99	0.00
25 T	2-Butanone	250.000	292.397	-17.0	99	0.00
26 T	2,2-Dichloropropane	50.000	51.685	-3.4	99	0.00
27 T	cis-1,2-Dichloroethene	50.000	51.481	-3.0	97	0.00
28 T	Bromochloromethane	50.000	54.220	-8.4	107	0.00
29 T	Tetrahydrofuran	250.000	293.544	-17.4	104	0.00
30 C	Chloroform	50.000	50.566	-1.1#	97	0.00
31 T	Cyclohexane	50.000	43.670	12.7	87	0.00
32 T	1,1,1-Trichloroethane	50.000	48.411	3.2	92	0.00
33 S	1,2-Dichloroethane-d4	50.000	51.842	-3.7	103	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	102	0.00
35 S	Dibromofluoromethane	50.000	52.503	-5.0	105	0.00
36 T	1,1-Dichloropropene	50.000	46.763	6.5	92	0.00
37 T	Ethyl Acetate	50.000	58.214	-16.4	107	0.00
38 T	Carbon Tetrachloride	50.000	46.255	7.5	91	0.00
39 T	Methylcyclohexane	50.000	44.122	11.8	86	0.00
40 TM	Benzene	50.000	49.717	0.6	97	0.00
41 T	Methacrylonitrile	50.000	57.681	-15.4	105	0.00
42 TM	1,2-Dichloroethane	50.000	49.242	1.5	94	0.00
43 T	Isopropyl Acetate	50.000	55.745	-11.5	102	0.00
44 TM	Trichloroethene	50.000	48.812	2.4	96	0.00
45 C	1,2-Dichloropropane	50.000	51.451	-2.9#	99	0.00
46 T	Dibromomethane	50.000	51.771	-3.5	99	0.00
47 T	Bromodichloromethane	50.000	51.839	-3.7	99	0.00
48 T	Methyl methacrylate	50.000	53.683	-7.4	97	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1100.549	-10.1	101	0.01
50 S	Toluene-d8	50.000	50.748	-1.5	104	0.00
51 T	4-Methyl-2-Pentanone	250.000	289.583	-15.8	104	0.00
52 CM	Toluene	50.000	49.890	0.2#	96	0.00
53 T	t-1,3-Dichloropropene	50.000	52.893	-5.8	99	0.00
54 T	cis-1,3-Dichloropropene	50.000	52.247	-4.5	99	0.00
55 T	1,1,2-Trichloroethane	50.000	52.985	-6.0	101	0.00
56 T	Ethyl methacrylate	50.000	54.625	-9.3	100	0.00
57 T	1,3-Dichloropropane	50.000	52.134	-4.3	99	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	273.452	-9.4	108	0.00
59 T	2-Hexanone	250.000	293.104	-17.2	103	0.00
60 T	Dibromochloromethane	50.000	53.133	-6.3	100	0.00
61 T	1,2-Dibromoethane	50.000	53.732	-7.5	101	0.00
62 S	4-Bromofluorobenzene	50.000	51.999	-4.0	105	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	104	0.00
64 T	Tetrachloroethene	50.000	50.937	-1.9	102	0.00
65 PM	Chlorobenzene	50.000	48.391	3.2	98	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.425	-0.8	101	0.00
67 C	Ethyl Benzene	50.000	47.682	4.6#	96	0.00
68 T	m/p-Xylenes	100.000	95.824	4.2	96	0.00
69 T	o-Xylene	50.000	48.515	3.0	97	0.00
70 T	Styrene	50.000	49.948	0.1	98	0.00
71 P	Bromoform	50.000	53.943	-7.9	100	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	102	0.00
73 T	Isopropylbenzene	50.000	47.129	5.7	94	0.00
74 T	N-amyl acetate	50.000	55.282	-10.6	101	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	52.707	-5.4	102	0.00
76 T	1,2,3-Trichloropropane	50.000	54.493	-9.0	103	0.00
77 T	Bromobenzene	50.000	48.781	2.4	97	0.00
78 T	n-propylbenzene	50.000	47.598	4.8	94	0.00
79 T	2-Chlorotoluene	50.000	48.631	2.7	96	0.00
80 T	1,3,5-Trimethylbenzene	50.000	47.862	4.3	94	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	55.357	-10.7	105	0.00
82 T	4-Chlorotoluene	50.000	48.579	2.8	96	0.00
83 T	tert-Butylbenzene	50.000	46.879	6.2	92	0.00
84 T	1,2,4-Trimethylbenzene	50.000	48.322	3.4	95	0.00
85 T	sec-Butylbenzene	50.000	46.836	6.3	93	0.00
86 T	p-Isopropyltoluene	50.000	47.429	5.1	93	0.00
87 T	1,3-Dichlorobenzene	50.000	49.025	2.0	97	0.00
88 T	1,4-Dichlorobenzene	50.000	48.656	2.7	97	0.00
89 T	n-Butylbenzene	50.000	47.482	5.0	93	0.00
90 T	Hexachloroethane	50.000	49.561	0.9	98	0.00
91 T	1,2-Dichlorobenzene	50.000	49.831	0.3	98	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	55.607	-11.2	103	0.00
93 T	1,2,4-Trichlorobenzene	50.000	50.614	-1.2	97	0.00
94 T	Hexachlorobutadiene	50.000	46.744	6.5	95	0.00
95 T	Naphthalene	50.000	54.974	-9.9	101	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.796	-3.6	101	0.00

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