

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012122\
 Data File : VY007248.D
 Acq On : 21 Jan 2022 12:39
 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: Jan 22 00:22:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 14 05:48:29 2022
 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	73	0.00
2 T	Dichlorodifluoromethane	50.000	45.430	9.1	65	0.00
3 P	Chloromethane	50.000	53.781	-7.6	85	0.00
4 C	Vinyl Chloride	50.000	52.593	-5.2#	76	0.00
5 T	Bromomethane	50.000	55.505	-11.0	76	0.00
6 T	Chloroethane	50.000	53.104	-6.2	75	0.00
7 T	Trichlorofluoromethane	50.000	54.105	-8.2	78	0.00
8 T	Diethyl Ether	50.000	50.497	-1.0	71	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	50.977	-2.0	73	0.00
10 T	Methyl Iodide	50.000	51.843	-3.7	74	0.00
11 T	Tert butyl alcohol	250.000	218.303	12.7	65	0.01
12 CM	1,1-Dichloroethene	50.000	50.349	-0.7#	74	0.01
13 T	Acrolein	250.000	218.699	12.5	70	0.00
14 T	Allyl chloride	50.000	48.763	2.5	70	0.01
15 T	Acrylonitrile	250.000	248.205	0.7	70	0.00
16 T	Acetone	250.000	226.008	9.6	65	0.00
17 T	Carbon Disulfide	50.000	49.226	1.5	72	0.00
18 T	Methyl Acetate	50.000	44.934	10.1	69	0.01
19 T	Methyl tert-butyl Ether	50.000	52.684	-5.4	75	0.01
20 T	Methylene Chloride	50.000	48.776	2.4	76	0.01
21 T	trans-1,2-Dichloroethene	50.000	50.039	-0.1	73	0.00
22 T	Diisopropyl ether	50.000	51.759	-3.5	73	0.00
23 T	Vinyl Acetate	250.000	256.981	-2.8	70	0.00
24 P	1,1-Dichloroethane	50.000	51.394	-2.8	74	0.00
25 T	2-Butanone	250.000	229.511	8.2	65	0.00
26 T	2,2-Dichloropropane	50.000	53.469	-6.9	78	0.00
27 T	cis-1,2-Dichloroethene	50.000	51.155	-2.3	74	0.01
28 T	Bromochloromethane	50.000	56.373	-12.7	73	0.01
29 T	Tetrahydrofuran	250.000	234.909	6.0	67	0.01
30 C	Chloroform	50.000	54.123	-8.2#	77	0.00
31 T	Cyclohexane	50.000	47.543	4.9	73	0.00
32 T	1,1,1-Trichloroethane	50.000	53.261	-6.5	76	0.00
33 S	1,2-Dichloroethane-d4	50.000	47.430	5.1	70	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	76	0.00
35 S	Dibromofluoromethane	50.000	46.518	7.0	70	0.01
36 T	1,1-Dichloropropene	50.000	49.445	1.1	75	0.00
37 T	Ethyl Acetate	50.000	46.749	6.5	68	0.00
38 T	Carbon Tetrachloride	50.000	49.622	0.8	75	0.01
39 T	Methylcyclohexane	50.000	48.076	3.8	72	0.00
40 TM	Benzene	50.000	49.496	1.0	74	0.00
41 T	Methacrylonitrile	50.000	42.607	14.8	71	0.00
42 TM	1,2-Dichloroethane	50.000	50.112	-0.2	74	0.00
43 T	Isopropyl Acetate	50.000	46.904	6.2	69	0.00
44 TM	Trichloroethene	50.000	48.959	2.1	72	0.00
45 C	1,2-Dichloropropane	50.000	49.618	0.8#	74	0.00
46 T	Dibromomethane	50.000	48.202	3.6	71	0.00
47 T	Bromodichloromethane	50.000	51.161	-2.3	75	0.00
48 T	Methyl methacrylate	50.000	44.739	10.5	67	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	923.571	7.6	64	0.00
50 S	Toluene-d8	50.000	45.731	8.5	69	0.00
51 T	4-Methyl-2-Pentanone	250.000	232.124	7.2	68	0.00
52 CM	Toluene	50.000	49.575	0.8#	73	0.00
53 T	t-1,3-Dichloropropene	50.000	49.632	0.7	72	0.00
54 T	cis-1,3-Dichloropropene	50.000	49.715	0.6	72	0.00
55 T	1,1,2-Trichloroethane	50.000	47.905	4.2	71	0.00
56 T	Ethyl methacrylate	50.000	47.714	4.6	70	0.00
57 T	1,3-Dichloropropane	50.000	48.806	2.4	72	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	223.718	10.5	68	0.00
59 T	2-Hexanone	250.000	224.729	10.1	67	0.00
60 T	Dibromochloromethane	50.000	49.036	1.9	72	0.00
61 T	1,2-Dibromoethane	50.000	47.440	5.1	69	0.00
62 S	4-Bromofluorobenzene	50.000	45.056	9.9	69	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	76	0.00
64 T	Tetrachloroethene	50.000	47.081	5.8	72	0.00
65 PM	Chlorobenzene	50.000	49.142	1.7	73	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.909	0.2	73	0.00
67 C	Ethyl Benzene	50.000	49.243	1.5#	74	0.00
68 T	m/p-Xylenes	100.000	97.961	2.0	73	0.00
69 T	o-Xylene	50.000	49.213	1.6	74	0.00
70 T	Styrene	50.000	49.323	1.4	72	0.00
71 P	Bromoform	50.000	47.506	5.0	69	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	76	0.00
73 T	Isopropylbenzene	50.000	49.070	1.9	73	0.00
74 T	N-ethyl acetate	50.000	46.366	7.3	68	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	46.454	7.1	69	0.00
76 T	1,2,3-Trichloropropane	50.000	50.376	-0.8	65	0.00
77 T	Bromobenzene	50.000	48.779	2.4	72	0.00
78 T	n-propylbenzene	50.000	48.844	2.3	73	0.00
79 T	2-Chlorotoluene	50.000	48.535	2.9	72	0.00
80 T	1,3,5-Trimethylbenzene	50.000	48.610	2.8	73	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	46.836	6.3	67	0.00
82 T	4-Chlorotoluene	50.000	48.784	2.4	72	0.00
83 T	tert-Butylbenzene	50.000	49.847	0.3	74	0.00
84 T	1,2,4-Trimethylbenzene	50.000	48.767	2.5	73	0.00
85 T	sec-Butylbenzene	50.000	48.869	2.3	73	0.00
86 T	p-Isopropyltoluene	50.000	48.850	2.3	73	0.00
87 T	1,3-Dichlorobenzene	50.000	48.700	2.6	73	0.00
88 T	1,4-Dichlorobenzene	50.000	47.692	4.6	72	0.00
89 T	n-Butylbenzene	50.000	48.602	2.8	72	0.00
90 T	Hexachloroethane	50.000	48.665	2.7	71	0.00
91 T	1,2-Dichlorobenzene	50.000	47.539	4.9	71	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	42.790	14.4	65	0.00
93 T	1,2,4-Trichlorobenzene	50.000	47.248	5.5	71	0.00
94 T	Hexachlorobutadiene	50.000	48.469	3.1	74	0.00
95 T	Naphthalene	50.000	44.722	10.6	67	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	46.742	6.5	71	0.00

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