

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052122\
 Data File : VY008937.D
 Acq On : 21 May 2022 09:57
 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 21 21:26:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 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	86	0.00
2 T	Dichlorodifluoromethane	50.000	50.607	-1.2	83	0.00
3 P	Chloromethane	50.000	57.693	-15.4	95	0.00
4 C	Vinyl Chloride	50.000	53.350	-6.7#	88	0.00
5 T	Bromomethane	50.000	47.212	5.6	94	0.00
6 T	Chloroethane	50.000	53.160	-6.3	92	0.00
7 T	Trichlorofluoromethane	50.000	51.362	-2.7	87	0.00
8 T	Diethyl Ether	50.000	53.185	-6.4	93	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	50.433	-0.9	84	0.00
10 T	Methyl Iodide	50.000	55.619	-11.2	82	0.00
11 T	Tert butyl alcohol	250.000	216.679	13.3	77	0.00
12 CM	1,1-Dichloroethene	50.000	53.184	-6.4#	90	0.01
13 T	Acrolein	250.000	99.224	60.3#	64	0.00
14 T	Allyl chloride	50.000	54.568	-9.1	90	0.00
15 T	Acrylonitrile	250.000	248.542	0.6	86	0.00
16 T	Acetone	250.000	234.366	6.3	82	0.00
17 T	Carbon Disulfide	50.000	54.304	-8.6	90	0.00
18 T	Methyl Acetate	50.000	65.405	-30.8#	111	0.00
19 T	Methyl tert-butyl Ether	50.000	52.231	-4.5	88	0.00
20 T	Methylene Chloride	50.000	58.938	-17.9	96	0.00
21 T	trans-1,2-Dichloroethene	50.000	54.207	-8.4	94	0.00
22 T	Diisopropyl ether	50.000	54.849	-9.7	92	0.00
23 T	Vinyl Acetate	250.000	248.535	0.6	81	0.00
24 P	1,1-Dichloroethane	50.000	56.433	-12.9	96	0.00
25 T	2-Butanone	250.000	243.680	2.5	81	0.00
26 T	2,2-Dichloropropane	50.000	46.807	6.4	80	0.00
27 T	cis-1,2-Dichloroethene	50.000	55.556	-11.1	93	0.00
28 T	Bromochloromethane	50.000	52.116	-4.2	92	0.00
29 T	Tetrahydrofuran	250.000	249.551	0.2	82	0.00
30 C	Chloroform	50.000	55.834	-11.7#	95	0.00
31 T	Cyclohexane	50.000	49.849	0.3	86	0.00
32 T	1,1,1-Trichloroethane	50.000	54.493	-9.0	90	0.00
33 S	1,2-Dichloroethane-d4	50.000	40.205	19.6	89	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	91	0.00
35 S	Dibromofluoromethane	50.000	42.407	15.2	91	0.00
36 T	1,1-Dichloropropene	50.000	51.114	-2.2	90	0.00
37 T	Ethyl Acetate	50.000	44.414	11.2	79	0.00
38 T	Carbon Tetrachloride	50.000	50.306	-0.6	88	0.00
39 T	Methylcyclohexane	50.000	50.403	-0.8	85	0.00
40 TM	Benzene	50.000	53.335	-6.7	93	0.00
41 T	Methacrylonitrile	50.000	47.773	4.5	81	0.00
42 TM	1,2-Dichloroethane	50.000	51.926	-3.9	91	0.00
43 T	Isopropyl Acetate	50.000	48.044	3.9	82	0.00
44 TM	Trichloroethene	50.000	52.838	-5.7	93	0.00
45 C	1,2-Dichloropropane	50.000	53.646	-7.3#	92	0.00
46 T	Dibromomethane	50.000	52.961	-5.9	92	0.00
47 T	Bromodichloromethane	50.000	53.172	-6.3	93	0.00
48 T	Methyl methacrylate	50.000	49.430	1.1	82	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	952.291	4.8	83	0.00
50 S	Toluene-d8	50.000	38.845	22.3	91	0.00
51 T	4-Methyl-2-Pentanone	250.000	245.913	1.6	82	0.00
52 CM	Toluene	50.000	55.301	-10.6#	92	0.00
53 T	t-1,3-Dichloropropene	50.000	51.804	-3.6	87	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.660	-3.3	89	0.00
55 T	1,1,2-Trichloroethane	50.000	53.164	-6.3	91	0.00
56 T	Ethyl methacrylate	50.000	53.724	-7.4	88	0.00
57 T	1,3-Dichloropropane	50.000	52.992	-6.0	90	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	243.939	2.4	82	0.00
59 T	2-Hexanone	250.000	243.798	2.5	79	0.00
60 T	Dibromochloromethane	50.000	53.236	-6.5	90	0.00
61 T	1,2-Dibromoethane	50.000	51.714	-3.4	87	0.00
62 S	4-Bromofluorobenzene	50.000	50.052	-0.1	86	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	89	0.00
64 T	Tetrachloroethene	50.000	51.748	-3.5	90	0.00
65 PM	Chlorobenzene	50.000	53.567	-7.1	92	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	54.297	-8.6	91	0.00
67 C	Ethyl Benzene	50.000	55.095	-10.2#	91	0.00
68 T	m/p-Xylenes	100.000	114.333	-14.3	90	0.00
69 T	o-Xylene	50.000	57.759	-15.5	92	0.00
70 T	Styrene	50.000	58.954	-17.9	90	0.00
71 P	Bromoform	50.000	52.135	-4.3	84	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	89	0.00
73 T	Isopropylbenzene	50.000	50.998	-2.0	90	0.00
74 T	N-ethyl acetate	50.000	45.045	9.9	79	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	44.883	10.2	83	0.00
76 T	1,2,3-Trichloropropane	50.000	49.202	1.6	85	0.00
77 T	Bromobenzene	50.000	48.259	3.5	88	0.00
78 T	n-propylbenzene	50.000	54.206	-8.4	141	0.00
79 T	2-Chlorotoluene	50.000	52.093	-4.2	90	0.00
80 T	1,3,5-Trimethylbenzene	50.000	53.166	-6.3	89	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	41.763	16.5	75	0.00
82 T	4-Chlorotoluene	50.000	53.355	-6.7	89	0.00
83 T	tert-Butylbenzene	50.000	51.599	-3.2	88	0.00
84 T	1,2,4-Trimethylbenzene	50.000	54.269	-8.5	90	0.00
85 T	sec-Butylbenzene	50.000	50.086	-0.2	83	0.00
86 T	p-Isopropyltoluene	50.000	54.255	-8.5	89	0.00
87 T	1,3-Dichlorobenzene	50.000	52.514	-5.0	89	0.00
88 T	1,4-Dichlorobenzene	50.000	51.870	-3.7	89	0.00
89 T	n-Butylbenzene	50.000	52.103	-4.2	88	0.00
90 T	Hexachloroethane	50.000	51.249	-2.5	89	0.00
91 T	1,2-Dichlorobenzene	50.000	51.923	-3.8	90	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	42.057	15.9	75	0.00
93 T	1,2,4-Trichlorobenzene	50.000	45.660	8.7	83	0.00
94 T	Hexachlorobutadiene	50.000	45.834	8.3	85	0.00
95 T	Naphthalene	50.000	45.525	9.0	81	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	45.779	8.4	84	0.00

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