

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051022\
 Data File : VY008669.D
 Acq On : 10 May 2022 10:23
 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 10 15:55:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050922S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 09 19:21:20 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	93	0.00
2 T	Dichlorodifluoromethane	50.000	43.793	12.4	101	0.00
3 P	Chloromethane	50.000	40.755	18.5	87	0.00
4 C	Vinyl Chloride	50.000	46.774	6.5#	85	0.00
5 T	Bromomethane	50.000	46.197	7.6	93	0.00
6 T	Chloroethane	50.000	40.353	19.3	82	0.00
7 T	Trichlorofluoromethane	50.000	45.418	9.2	97	-0.01
8 T	Diethyl Ether	50.000	49.154	1.7	103	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.222	1.6	102	0.00
10 T	Methyl Iodide	50.000	50.263	-0.5	102	0.00
11 T	Tert butyl alcohol	250.000	289.838	-15.9	114	0.07
12 CM	1,1-Dichloroethene	50.000	51.020	-2.0#	103	0.00
13 T	Acrolein	250.000	268.111	-7.2	111	0.01
14 T	Allyl chloride	50.000	48.897	2.2	103	0.00
15 T	Acrylonitrile	250.000	230.724	7.7	96	0.02
16 T	Acetone	250.000	234.430	6.2	96	0.03
17 T	Carbon Disulfide	50.000	49.699	0.6	100	0.00
18 T	Methyl Acetate	50.000	46.020	8.0	97	0.01
19 T	Methyl tert-butyl Ether	50.000	48.082	3.8	101	0.00
20 T	Methylene Chloride	50.000	47.289	5.4	99	0.00
21 T	trans-1,2-Dichloroethene	50.000	50.121	-0.2	103	0.00
22 T	Diisopropyl ether	50.000	50.029	-0.1	100	0.00
23 T	Vinyl Acetate	250.000	262.500	-5.0	102	0.00
24 P	1,1-Dichloroethane	50.000	49.746	0.5	101	0.00
25 T	2-Butanone	250.000	222.356	11.1	92	0.01
26 T	2,2-Dichloropropane	50.000	47.835	4.3	98	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.335	1.3	100	0.00
28 T	Bromochloromethane	50.000	49.962	0.1	100	0.00
29 T	Tetrahydrofuran	250.000	221.192	11.5	95	0.01
30 C	Chloroform	50.000	49.359	1.3#	101	0.00
31 T	Cyclohexane	50.000	46.588	6.8	98	0.00
32 T	1,1,1-Trichloroethane	50.000	49.863	0.3	102	0.00
33 S	1,2-Dichloroethane-d4	50.000	49.230	1.5	97	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	92	0.00
35 S	Dibromofluoromethane	50.000	49.909	0.2	97	0.00
36 T	1,1-Dichloropropene	50.000	49.811	0.4	100	0.00
37 T	Ethyl Acetate	50.000	49.195	1.6	104	0.00
38 T	Carbon Tetrachloride	50.000	50.882	-1.8	102	0.00
39 T	Methylcyclohexane	50.000	49.888	0.2	100	0.00
40 TM	Benzene	50.000	50.148	-0.3	100	0.00
41 T	Methacrylonitrile	50.000	46.977	6.0	97	-0.01
42 TM	1,2-Dichloroethane	50.000	50.415	-0.8	100	0.00
43 T	Isopropyl Acetate	50.000	49.743	0.5	102	0.00
44 TM	Trichloroethene	50.000	49.965	0.1	98	0.00
45 C	1,2-Dichloropropane	50.000	50.119	-0.2#	99	0.00
46 T	Dibromomethane	50.000	50.585	-1.2	101	0.00
47 T	Bromodichloromethane	50.000	50.775	-1.5	100	0.00
48 T	Methyl methacrylate	50.000	51.431	-2.9	106	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	979.757	2.0	99	0.07
50 S	Toluene-d8	50.000	49.754	0.5	96	0.00
51 T	4-Methyl-2-Pentanone	250.000	246.898	1.2	102	0.00
52 CM	Toluene	50.000	50.551	-1.1#	101	0.00
53 T	t-1,3-Dichloropropene	50.000	50.709	-1.4	101	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.038	-2.1	100	0.00
55 T	1,1,2-Trichloroethane	50.000	50.763	-1.5	102	0.00
56 T	Ethyl methacrylate	50.000	52.251	-4.5	102	0.00
57 T	1,3-Dichloropropane	50.000	50.768	-1.5	101	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	263.427	-5.4	102	0.00
59 T	2-Hexanone	250.000	247.556	1.0	100	0.00
60 T	Dibromochloromethane	50.000	51.219	-2.4	101	0.00
61 T	1,2-Dibromoethane	50.000	50.457	-0.9	100	0.00
62 S	4-Bromofluorobenzene	50.000	50.002	-0.0	98	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	93	0.00
64 T	Tetrachloroethene	50.000	48.641	2.7	99	0.00
65 PM	Chlorobenzene	50.000	50.637	-1.3	100	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	51.531	-3.1	103	0.00
67 C	Ethyl Benzene	50.000	50.861	-1.7#	100	0.00
68 T	m/p-Xylenes	100.000	100.501	-0.5	99	0.00
69 T	o-Xylene	50.000	51.334	-2.7	100	0.00
70 T	Styrene	50.000	52.103	-4.2	101	0.00
71 P	Bromoform	50.000	51.764	-3.5	102	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	94	0.00
73 T	Isopropylbenzene	50.000	49.797	0.4	100	0.00
74 T	N-amyl acetate	50.000	50.849	-1.7	104	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	49.359	1.3	102	0.00
76 T	1,2,3-Trichloropropane	50.000	53.499	-7.0	125	0.00
77 T	Bromobenzene	50.000	49.430	1.1	101	0.00
78 T	n-propylbenzene	50.000	49.919	0.2	100	0.00
79 T	2-Chlorotoluene	50.000	50.042	-0.1	101	0.00
80 T	1,3,5-Trimethylbenzene	50.000	50.638	-1.3	101	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	50.032	-0.1	101	0.00
82 T	4-Chlorotoluene	50.000	49.202	1.6	99	0.00
83 T	tert-Butylbenzene	50.000	49.715	0.6	96	0.00
84 T	1,2,4-Trimethylbenzene	50.000	50.682	-1.4	101	0.00
85 T	sec-Butylbenzene	50.000	50.030	-0.1	100	0.00
86 T	p-Isopropyltoluene	50.000	50.768	-1.5	100	0.00
87 T	1,3-Dichlorobenzene	50.000	50.034	-0.1	101	0.00
88 T	1,4-Dichlorobenzene	50.000	49.669	0.7	101	0.00
89 T	n-Butylbenzene	50.000	50.325	-0.7	100	0.00
90 T	Hexachloroethane	50.000	50.427	-0.9	101	0.00
91 T	1,2-Dichlorobenzene	50.000	50.159	-0.3	102	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	47.918	4.2	105	0.00
93 T	1,2,4-Trichlorobenzene	50.000	50.818	-1.6	102	0.00
94 T	Hexachlorobutadiene	50.000	49.729	0.5	99	0.00
95 T	Naphthalene	50.000	52.146	-4.3	106	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.243	-2.5	104	0.00

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