

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051122\
 Data File : VY008722.D
 Acq On : 11 May 2022 21:07
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: May 12 06:33:17 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	70	0.00
2 T	Dichlorodifluoromethane	50.000	28.107	43.8#	49	0.00
3 P	Chloromethane	50.000	42.435	15.1	68	0.00
4 C	Vinyl Chloride	50.000	56.496	-13.0#	77	0.00
5 T	Bromomethane	50.000	52.647	-5.3	80	0.00
6 T	Chloroethane	50.000	53.534	-7.1	82	0.00
7 T	Trichlorofluoromethane	50.000	40.743	18.5	65	0.00
8 T	Diethyl Ether	50.000	48.060	3.9	76	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	45.859	8.3	71	0.00
10 T	Methyl Iodide	50.000	46.865	6.3	72	0.00
11 T	Tert butyl alcohol	250.000	297.556	-19.0	88	0.00
12 CM	1,1-Dichloroethene	50.000	45.474	9.1#	69	0.00
13 T	Acrolein	250.000	234.630	6.1	73	0.00
14 T	Allyl chloride	50.000	44.984	10.0	71	0.00
15 T	Acrylonitrile	250.000	270.040	-8.0	85	0.00
16 T	Acetone	250.000	256.322	-2.5	79	0.00
17 T	Carbon Disulfide	50.000	43.615	12.8	66	0.00
18 T	Methyl Acetate	50.000	54.269	-8.5	86	0.00
19 T	Methyl tert-butyl Ether	50.000	49.946	0.1	79	0.00
20 T	Methylene Chloride	50.000	49.741	0.5	78	0.00
21 T	trans-1,2-Dichloroethene	50.000	46.904	6.2	72	0.00
22 T	Diisopropyl ether	50.000	51.593	-3.2	78	0.00
23 T	Vinyl Acetate	250.000	276.422	-10.6	81	0.00
24 P	1,1-Dichloroethane	50.000	48.983	2.0	75	0.00
25 T	2-Butanone	250.000	273.907	-9.6	85	0.00
26 T	2,2-Dichloropropane	50.000	46.112	7.8	71	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.652	0.7	76	0.00
28 T	Bromochloromethane	50.000	54.280	-8.6	82	0.00
29 T	Tetrahydrofuran	250.000	276.632	-10.7	90	0.00
30 C	Chloroform	50.000	49.966	0.1#	77	0.00
31 T	Cyclohexane	50.000	43.742	12.5	69	0.00
32 T	1,1,1-Trichloroethane	50.000	48.679	2.6	75	0.00
33 S	1,2-Dichloroethane-d4	50.000	53.692	-7.4	79	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	72	0.00
35 S	Dibromofluoromethane	50.000	52.404	-4.8	80	0.00
36 T	1,1-Dichloropropene	50.000	45.781	8.4	71	0.00
37 T	Ethyl Acetate	50.000	53.676	-7.4	88	0.00
38 T	Carbon Tetrachloride	50.000	48.416	3.2	75	0.00
39 T	Methylcyclohexane	50.000	44.950	10.1	70	0.00
40 TM	Benzene	50.000	48.420	3.2	75	0.00
41 T	Methacrylonitrile	50.000	54.171	-8.3	87	0.00
42 TM	1,2-Dichloroethane	50.000	50.649	-1.3	78	0.00
43 T	Isopropyl Acetate	50.000	53.596	-7.2	85	0.00
44 TM	Trichloroethene	50.000	47.086	5.8	72	0.00
45 C	1,2-Dichloropropane	50.000	49.437	1.1#	76	0.00
46 T	Dibromomethane	50.000	50.745	-1.5	79	0.00
47 T	Bromodichloromethane	50.000	50.612	-1.2	78	0.00
48 T	Methyl methacrylate	50.000	53.455	-6.9	86	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	1137.947	-13.8	90	0.00
50 S	Toluene-d8	50.000	51.445	-2.9	77	0.00
51 T	4-Methyl-2-Pentanone	250.000	281.972	-12.8	90	0.00
52 CM	Toluene	50.000	48.095	3.8#	75	0.00
53 T	t-1,3-Dichloropropene	50.000	49.760	0.5	77	0.00
54 T	cis-1,3-Dichloropropene	50.000	48.449	3.1	74	0.00
55 T	1,1,2-Trichloroethane	50.000	51.141	-2.3	80	0.00
56 T	Ethyl methacrylate	50.000	52.812	-5.6	80	0.00
57 T	1,3-Dichloropropane	50.000	50.631	-1.3	79	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	275.210	-10.1	83	0.00
59 T	2-Hexanone	250.000	285.532	-14.2	90	0.00
60 T	Dibromochloromethane	50.000	51.307	-2.6	79	0.00
61 T	1,2-Dibromoethane	50.000	51.234	-2.5	79	0.00
62 S	4-Bromofluorobenzene	50.000	51.307	-2.6	78	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	74	0.00
64 T	Tetrachloroethene	50.000	45.043	9.9	74	0.00
65 PM	Chlorobenzene	50.000	47.927	4.1	76	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	48.851	2.3	78	0.00
67 C	Ethyl Benzene	50.000	46.938	6.1#	74	0.00
68 T	m/p-Xylenes	100.000	95.208	4.8	76	0.00
69 T	o-Xylene	50.000	48.116	3.8	76	0.00
70 T	Styrene	50.000	49.649	0.7	77	0.00
71 P	Bromoform	50.000	51.622	-3.2	82	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	76	0.00
73 T	Isopropylbenzene	50.000	46.995	6.0	76	0.00
74 T	N-ethyl acetate	50.000	51.711	-3.4	85	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	50.051	-0.1	83	0.00
76 T	1,2,3-Trichloropropane	50.000	48.671	2.7	92	0.00
77 T	Bromobenzene	50.000	48.509	3.0	80	0.00
78 T	n-propylbenzene	50.000	46.985	6.0	75	0.00
79 T	2-Chlorotoluene	50.000	47.185	5.6	76	0.00
80 T	1,3,5-Trimethylbenzene	50.000	47.367	5.3	76	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	48.718	2.6	79	0.00
82 T	4-Chlorotoluene	50.000	47.035	5.9	76	0.00
83 T	tert-Butylbenzene	50.000	48.502	3.0	76	0.00
84 T	1,2,4-Trimethylbenzene	50.000	48.260	3.5	77	0.00
85 T	sec-Butylbenzene	50.000	47.434	5.1	76	0.00
86 T	p-Isopropyltoluene	50.000	47.897	4.2	76	0.00
87 T	1,3-Dichlorobenzene	50.000	47.408	5.2	77	0.00
88 T	1,4-Dichlorobenzene	50.000	46.709	6.6	76	0.00
89 T	n-Butylbenzene	50.000	46.942	6.1	75	0.00
90 T	Hexachloroethane	50.000	47.755	4.5	77	0.00
91 T	1,2-Dichlorobenzene	50.000	48.307	3.4	79	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	50.205	-0.4	88	0.00
93 T	1,2,4-Trichlorobenzene	50.000	45.461	9.1	73	0.00
94 T	Hexachlorobutadiene	50.000	46.534	6.9	75	0.00
95 T	Naphthalene	50.000	47.439	5.1	78	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	45.610	8.8	74	0.00

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