

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021722\
 Data File : VY007537.D
 Acq On : 17 Feb 2022 21:18
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Feb 18 07:44:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021422S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 15 09:34:50 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	66	0.00
2 T	Dichlorodifluoromethane	50.000	46.539	6.9	62	0.00
3 P	Chloromethane	50.000	52.901	-5.8	61	0.00
4 C	Vinyl Chloride	50.000	44.161	11.7#	66	0.00
5 T	Bromomethane	50.000	56.670	-13.3	76	-0.01
6 T	Chloroethane	50.000	47.785	4.4	75	-0.01
7 T	Trichlorofluoromethane	50.000	51.332	-2.7	68	-0.01
8 T	Diethyl Ether	50.000	55.485	-11.0	76	-0.01
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.218	1.6	64	0.00
10 T	Methyl Iodide	50.000	46.908	6.2	62	0.00
11 T	Tert butyl alcohol	250.000	347.566	-39.0#	97	0.00
12 CM	1,1-Dichloroethene	50.000	49.631	0.7#	65	-0.01
13 T	Acrolein	250.000	214.810	14.1	73	-0.01
14 T	Allyl chloride	50.000	42.622	14.8	56	-0.01
15 T	Acrylonitrile	250.000	269.372	-7.7	74	-0.01
16 T	Acetone	250.000	197.653	20.9	48	0.00
17 T	Carbon Disulfide	50.000	45.631	8.7	61	-0.01
18 T	Methyl Acetate	50.000	48.414	3.2	75	-0.01
19 T	Methyl tert-butyl Ether	50.000	55.068	-10.1	75	-0.01
20 T	Methylene Chloride	50.000	52.014	-4.0	73	0.00
21 T	trans-1,2-Dichloroethene	50.000	48.224	3.6	64	-0.02
22 T	Diisopropyl ether	50.000	42.362	15.3	58	-0.01
23 T	Vinyl Acetate	250.000	233.544	6.6	62	0.00
24 P	1,1-Dichloroethane	50.000	48.350	3.3	64	0.00
25 T	2-Butanone	250.000	233.959	6.4	61	0.00
26 T	2,2-Dichloropropane	50.000	43.910	12.2	57	0.00
27 T	cis-1,2-Dichloroethene	50.000	50.718	-1.4	67	0.00
28 T	Bromochloromethane	50.000	46.994	6.0	61	0.00
29 T	Tetrahydrofuran	250.000	249.499	0.2	70	-0.01
30 C	Chloroform	50.000	51.806	-3.6#	68	0.00
31 T	Cyclohexane	50.000	37.690	24.6	52	0.00
32 T	1,1,1-Trichloroethane	50.000	50.630	-1.3	65	0.00
33 S	1,2-Dichloroethane-d4	50.000	50.919	-1.8	70	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	68	0.00
35 S	Dibromofluoromethane	50.000	51.257	-2.5	69	0.00
36 T	1,1-Dichloropropene	50.000	45.430	9.1	60	-0.01
37 T	Ethyl Acetate	50.000	49.143	1.7	68	0.00
38 T	Carbon Tetrachloride	50.000	48.660	2.7	63	0.00
39 T	Methylcyclohexane	50.000	42.887	14.2	57	0.00
40 TM	Benzene	50.000	46.472	7.1	62	0.00
41 T	Methacrylonitrile	50.000	42.004	16.0	63	0.00
42 TM	1,2-Dichloroethane	50.000	50.334	-0.7	69	0.00
43 T	Isopropyl Acetate	50.000	48.958	2.1	68	0.00
44 TM	Trichloroethene	50.000	49.893	0.2	66	0.00
45 C	1,2-Dichloropropane	50.000	45.866	8.3#	61	0.00
46 T	Dibromomethane	50.000	52.145	-4.3	72	0.00
47 T	Bromodichloromethane	50.000	51.209	-2.4	68	0.00
48 T	Methyl methacrylate	50.000	49.070	1.9	70	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	1307.401	-30.7#	92	0.00
50 S	Toluene-d8	50.000	46.879	6.2	62	0.00
51 T	4-Methyl-2-Pentanone	250.000	247.192	1.1	68	0.00
52 CM	Toluene	50.000	47.150	5.7#	63	0.00
53 T	t-1,3-Dichloropropene	50.000	49.441	1.1	66	0.00
54 T	cis-1,3-Dichloropropene	50.000	47.988	4.0	64	0.00
55 T	1,1,2-Trichloroethane	50.000	53.664	-7.3	73	0.00
56 T	Ethyl methacrylate	50.000	52.805	-5.6	71	0.00
57 T	1,3-Dichloropropane	50.000	51.270	-2.5	69	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	249.335	0.3	68	0.00
59 T	2-Hexanone	250.000	237.823	4.9	62	0.00
60 T	Dibromochloromethane	50.000	55.994	-12.0	75	0.00
61 T	1,2-Dibromoethane	50.000	52.476	-5.0	72	0.00
62 S	4-Bromofluorobenzene	50.000	47.618	4.8	65	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	70	0.00
64 T	Tetrachloroethene	50.000	50.899	-1.8	69	0.00
65 PM	Chlorobenzene	50.000	49.104	1.8	67	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	51.669	-3.3	70	0.00
67 C	Ethyl Benzene	50.000	46.598	6.8#	63	0.00
68 T	m/p-Xylenes	100.000	92.965	7.0	63	0.00
69 T	o-Xylene	50.000	47.651	4.7	65	0.00
70 T	Styrene	50.000	49.048	1.9	67	0.00
71 P	Bromoform	50.000	58.281	-16.6	79	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	72	0.00
73 T	Isopropylbenzene	50.000	45.496	9.0	63	0.00
74 T	N-amyl acetate	50.000	47.678	4.6	67	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	50.895	-1.8	73	0.00
76 T	1,2,3-Trichloropropane	50.000	46.685	6.6	73	0.00
77 T	Bromobenzene	50.000	50.233	-0.5	71	0.00
78 T	n-propylbenzene	50.000	44.270	11.5	61	0.00
79 T	2-Chlorotoluene	50.000	45.354	9.3	63	0.00
80 T	1,3,5-Trimethylbenzene	50.000	46.805	6.4	65	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	47.095	5.8	65	0.00
82 T	4-Chlorotoluene	50.000	46.142	7.7	64	0.00
83 T	tert-Butylbenzene	50.000	47.393	5.2	65	0.00
84 T	1,2,4-Trimethylbenzene	50.000	47.936	4.1	66	0.00
85 T	sec-Butylbenzene	50.000	45.512	9.0	62	0.00
86 T	p-Isopropyltoluene	50.000	46.529	6.9	64	0.00
87 T	1,3-Dichlorobenzene	50.000	49.064	1.9	68	0.00
88 T	1,4-Dichlorobenzene	50.000	48.851	2.3	68	0.00
89 T	n-Butylbenzene	50.000	44.400	11.2	61	0.00
90 T	Hexachloroethane	50.000	48.472	3.1	67	0.00
91 T	1,2-Dichlorobenzene	50.000	49.537	0.9	70	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	56.545	-13.1	83	0.00
93 T	1,2,4-Trichlorobenzene	50.000	53.189	-6.4	73	0.00
94 T	Hexachlorobutadiene	50.000	50.606	-1.2	69	0.00
95 T	Naphthalene	50.000	56.144	-12.3	82	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	55.089	-10.2	77	0.00

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