

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101322\
 Data File : VY010964.D
 Acq On : 13 Oct 2022 17:41
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 14 02:12:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 07:26:22 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	79	0.00
2 T	Dichlorodifluoromethane	50.000	47.400	5.2	74	0.00
3 P	Chloromethane	50.000	43.623	12.8	69	0.00
4 C	Vinyl Chloride	50.000	41.481	17.0#	65	0.00
5 T	Bromomethane	50.000	38.209	23.6	64	0.00
6 T	Chloroethane	50.000	42.321	15.4	67	0.00
7 T	Trichlorofluoromethane	50.000	48.510	3.0	78	0.00
8 T	Diethyl Ether	50.000	56.563	-13.1	90	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	52.338	-4.7	83	0.00
10 T	Methyl Iodide	50.000	48.215	3.6	73	0.00
11 T	Tert butyl alcohol	250.000	342.614	-37.0#	104	0.00
12 CM	1,1-Dichloroethene	50.000	50.559	-1.1#	80	0.00
13 T	Acrolein	250.000	161.481	35.4#	55	0.00
14 T	Allyl chloride	50.000	55.840	-11.7	87	0.00
15 T	Acrylonitrile	250.000	334.355	-33.7#	107	0.00
16 T	Acetone	250.000	255.441	-2.2	74	0.00
17 T	Carbon Disulfide	50.000	45.614	8.8	72	0.00
18 T	Methyl Acetate	50.000	65.771	-31.5#	111	0.00
19 T	Methyl tert-butyl Ether	50.000	58.224	-16.4	91	0.00
20 T	Methylene Chloride	50.000	65.254	-30.5#	99	0.00
21 T	trans-1,2-Dichloroethene	50.000	50.690	-1.4	81	0.00
22 T	Diisopropyl ether	50.000	58.355	-16.7	90	0.00
23 T	Vinyl Acetate	250.000	306.597	-22.6	94	0.00
24 P	1,1-Dichloroethane	50.000	55.270	-10.5	88	0.00
25 T	2-Butanone	250.000	304.085	-21.6	92	0.00
26 T	2,2-Dichloropropane	50.000	48.758	2.5	79	0.00
27 T	cis-1,2-Dichloroethene	50.000	54.180	-8.4	85	0.00
28 T	Bromochloromethane	50.000	60.584	-21.2	94	0.00
29 T	Tetrahydrofuran	250.000	339.092	-35.6#	107	0.00
30 C	Chloroform	50.000	54.852	-9.7#	87	0.00
31 T	Cyclohexane	50.000	47.634	4.7	78	0.00
32 T	1,1,1-Trichloroethane	50.000	51.619	-3.2	81	0.00
33 S	1,2-Dichloroethane-d4	50.000	49.629	0.7	76	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	81	0.00
35 S	Dibromofluoromethane	50.000	45.103	9.8	78	0.00
36 T	1,1-Dichloropropene	50.000	49.786	0.4	79	0.00
37 T	Ethyl Acetate	50.000	63.932	-27.9#	103	0.00
38 T	Carbon Tetrachloride	50.000	49.848	0.3	80	0.00
39 T	Methylcyclohexane	50.000	47.405	5.2	74	0.00
40 TM	Benzene	50.000	51.432	-2.9	83	0.00
41 T	Methacrylonitrile	50.000	54.877	-9.8	98	0.00
42 TM	1,2-Dichloroethane	50.000	53.824	-7.6	87	0.00
43 T	Isopropyl Acetate	50.000	61.111	-22.2	98	0.00
44 TM	Trichloroethene	50.000	50.794	-1.6	81	0.00
45 C	1,2-Dichloropropane	50.000	55.809	-11.6#	90	0.00
46 T	Dibromomethane	50.000	56.039	-12.1	91	0.00
47 T	Bromodichloromethane	50.000	55.382	-10.8	89	0.00
48 T	Methyl methacrylate	50.000	60.561	-21.1	96	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1352.793	-35.3#	104	0.00
50 S	Toluene-d8	50.000	47.979	4.0	70	0.00
51 T	4-Methyl-2-Pentanone	250.000	328.533	-31.4#	104	0.00
52 CM	Toluene	50.000	50.935	-1.9#	80	0.00
53 T	t-1,3-Dichloropropene	50.000	54.346	-8.7	85	0.00
54 T	cis-1,3-Dichloropropene	50.000	54.541	-9.1	87	0.00
55 T	1,1,2-Trichloroethane	50.000	56.857	-13.7	93	0.00
56 T	Ethyl methacrylate	50.000	61.309	-22.6	95	0.00
57 T	1,3-Dichloropropane	50.000	57.996	-16.0	93	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	301.282	-20.5	100	0.00
59 T	2-Hexanone	250.000	328.415	-31.4#	97	0.00
60 T	Dibromochloromethane	50.000	56.190	-12.4	89	0.00
61 T	1,2-Dibromoethane	50.000	57.159	-14.3	92	0.00
62 S	4-Bromofluorobenzene	50.000	43.386	13.2	75	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	82	0.00
64 T	Tetrachloroethene	50.000	49.435	1.1	81	0.00
65 PM	Chlorobenzene	50.000	50.832	-1.7	83	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	51.748	-3.5	83	0.00
67 C	Ethyl Benzene	50.000	50.355	-0.7#	80	0.00
68 T	m/p-Xylenes	100.000	99.182	0.8	79	0.00
69 T	o-Xylene	50.000	50.738	-1.5	80	0.00
70 T	Styrene	50.000	51.829	-3.7	81	0.00
71 P	Bromoform	50.000	57.141	-14.3	92	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	82	0.00
73 T	Isopropylbenzene	50.000	49.098	1.8	80	0.00
74 T	N-amyl acetate	50.000	60.057	-20.1	95	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	58.419	-16.8	100	0.00
76 T	1,2,3-Trichloropropane	50.000	57.518	-15.0	95	0.00
77 T	Bromobenzene	50.000	50.425	-0.8	84	0.00
78 T	n-propylbenzene	50.000	49.521	1.0	80	0.00
79 T	2-Chlorotoluene	50.000	50.277	-0.6	82	0.00
80 T	1,3,5-Trimethylbenzene	50.000	49.135	1.7	80	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	58.422	-16.8	96	0.00
82 T	4-Chlorotoluene	50.000	49.410	1.2	81	0.00
83 T	tert-Butylbenzene	50.000	49.570	0.9	80	0.00
84 T	1,2,4-Trimethylbenzene	50.000	49.899	0.2	80	0.00
85 T	sec-Butylbenzene	50.000	49.269	1.5	79	0.00
86 T	p-Isopropyltoluene	50.000	49.221	1.6	78	0.00
87 T	1,3-Dichlorobenzene	50.000	49.233	1.5	81	0.00
88 T	1,4-Dichlorobenzene	50.000	49.322	1.4	81	0.00
89 T	n-Butylbenzene	50.000	50.136	-0.3	79	0.00
90 T	Hexachloroethane	50.000	49.819	0.4	83	0.00
91 T	1,2-Dichlorobenzene	50.000	51.287	-2.6	84	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	60.723	-21.4	103	0.00
93 T	1,2,4-Trichlorobenzene	50.000	52.704	-5.4	87	0.00
94 T	Hexachlorobutadiene	50.000	48.305	3.4	82	0.00
95 T	Naphthalene	50.000	61.012	-22.0	98	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	54.662	-9.3	90	0.00

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