

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081422\
 Data File : VY010002.D
 Acq On : 14 Aug 2022 16:28
 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: Aug 15 00:39:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081222S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 13 02:54:57 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	99	0.00
2 T	Dichlorodifluoromethane	50.000	47.461	5.1	102	0.00
3 P	Chloromethane	50.000	44.073	11.9	88	0.00
4 C	Vinyl Chloride	50.000	46.207	7.6#	93	0.00
5 T	Bromomethane	50.000	51.236	-2.5	102	0.00
6 T	Chloroethane	50.000	44.092	11.8	95	0.00
7 T	Trichlorofluoromethane	50.000	46.159	7.7	97	0.00
8 T	Diethyl Ether	50.000	45.033	9.9	91	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	46.187	7.6	94	0.00
10 T	Methyl Iodide	50.000	48.532	2.9	92	0.00
11 T	Tert butyl alcohol	250.000	196.177	21.5	76	0.00
12 CM	1,1-Dichloroethene	50.000	45.409	9.2#	93	0.00
13 T	Acrolein	250.000	180.590	27.8#	73	0.00
14 T	Allyl chloride	50.000	41.619	16.8	86	0.00
15 T	Acrylonitrile	250.000	216.117	13.6	86	0.00
16 T	Acetone	250.000	260.853	-4.3	99	0.00
17 T	Carbon Disulfide	50.000	46.091	7.8	94	0.00
18 T	Methyl Acetate	50.000	41.439	17.1	81	0.00
19 T	Methyl tert-butyl Ether	50.000	46.963	6.1	90	0.00
20 T	Methylene Chloride	50.000	49.672	0.7	96	0.00
21 T	trans-1,2-Dichloroethene	50.000	48.282	3.4	97	0.00
22 T	Diisopropyl ether	50.000	43.115	13.8	87	0.00
23 T	Vinyl Acetate	250.000	220.054	12.0	84	0.00
24 P	1,1-Dichloroethane	50.000	46.068	7.9	94	0.00
25 T	2-Butanone	250.000	211.404	15.4	85	0.00
26 T	2,2-Dichloropropane	50.000	46.288	7.4	95	0.00
27 T	cis-1,2-Dichloroethene	50.000	48.491	3.0	96	0.00
28 T	Bromochloromethane	50.000	44.614	10.8	88	0.00
29 T	Tetrahydrofuran	250.000	199.707	20.1	79	0.00
30 C	Chloroform	50.000	48.547	2.9#	97	0.00
31 T	Cyclohexane	50.000	43.178	13.6	91	0.00
32 T	1,1,1-Trichloroethane	50.000	49.531	0.9	98	0.00
33 S	1,2-Dichloroethane-d4	50.000	47.872	4.3	95	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	97	0.00
35 S	Dibromofluoromethane	50.000	52.674	-5.3	98	0.00
36 T	1,1-Dichloropropene	50.000	49.365	1.3	95	0.00
37 T	Ethyl Acetate	50.000	40.531	18.9	79	0.00
38 T	Carbon Tetrachloride	50.000	52.406	-4.8	99	0.00
39 T	Methylcyclohexane	50.000	50.486	-1.0	94	0.00
40 TM	Benzene	50.000	49.237	1.5	95	0.00
41 T	Methacrylonitrile	50.000	49.078	1.8	95	0.00
42 TM	1,2-Dichloroethane	50.000	49.503	1.0	94	0.00
43 T	Isopropyl Acetate	50.000	42.525	15.0	82	0.00
44 TM	Trichloroethene	50.000	51.046	-2.1	96	0.00
45 C	1,2-Dichloropropane	50.000	47.352	5.3#	92	0.00
46 T	Dibromomethane	50.000	50.042	-0.1	94	0.00
47 T	Bromodichloromethane	50.000	50.484	-1.0	95	0.00
48 T	Methyl methacrylate	50.000	43.983	12.0	83	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	945.536	5.4	86	0.00
50 S	Toluene-d8	50.000	52.635	-5.3	97	0.00
51 T	4-Methyl-2-Pentanone	250.000	214.789	14.1	80	0.00
52 CM	Toluene	50.000	51.522	-3.0#	96	0.00
53 T	t-1,3-Dichloropropene	50.000	49.377	1.2	91	0.00
54 T	cis-1,3-Dichloropropene	50.000	50.612	-1.2	94	0.00
55 T	1,1,2-Trichloroethane	50.000	49.158	1.7	93	0.00
56 T	Ethyl methacrylate	50.000	49.657	0.7	87	0.00
57 T	1,3-Dichloropropane	50.000	48.730	2.5	91	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	210.393	15.8	85	0.00
59 T	2-Hexanone	250.000	231.084	7.6	83	0.00
60 T	Dibromochloromethane	50.000	51.507	-3.0	94	0.00
61 T	1,2-Dibromoethane	50.000	50.517	-1.0	95	0.00
62 S	4-Bromofluorobenzene	50.000	51.335	-2.7	97	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	97	0.00
64 T	Tetrachloroethene	50.000	52.015	-4.0	97	0.00
65 PM	Chlorobenzene	50.000	50.776	-1.6	97	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	51.433	-2.9	96	0.00
67 C	Ethyl Benzene	50.000	51.953	-3.9#	96	0.00
68 T	m/p-Xylenes	100.000	104.843	-4.8	96	0.00
69 T	o-Xylene	50.000	52.016	-4.0	97	0.00
70 T	Styrene	50.000	52.725	-5.5	97	0.00
71 P	Bromoform	50.000	50.198	-0.4	95	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	97	0.00
73 T	Isopropylbenzene	50.000	51.926	-3.9	97	0.00
74 T	N-ethyl acetate	50.000	43.626	12.7	81	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	45.560	8.9	89	0.00
76 T	1,2,3-Trichloropropane	50.000	45.318	9.4	96	0.00
77 T	Bromobenzene	50.000	51.321	-2.6	98	0.00
78 T	n-propylbenzene	50.000	51.229	-2.5	96	0.00
79 T	2-Chlorotoluene	50.000	51.839	-3.7	96	0.00
80 T	1,3,5-Trimethylbenzene	50.000	54.040	-8.1	97	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	46.826	6.3	88	0.00
82 T	4-Chlorotoluene	50.000	52.207	-4.4	97	0.00
83 T	tert-Butylbenzene	50.000	52.329	-4.7	95	0.00
84 T	1,2,4-Trimethylbenzene	50.000	54.392	-8.8	99	0.00
85 T	sec-Butylbenzene	50.000	51.779	-3.6	97	0.00
86 T	p-Isopropyltoluene	50.000	53.822	-7.6	97	0.00
87 T	1,3-Dichlorobenzene	50.000	50.774	-1.5	97	0.00
88 T	1,4-Dichlorobenzene	50.000	50.332	-0.7	98	0.00
89 T	n-Butylbenzene	50.000	53.290	-6.6	96	0.00
90 T	Hexachloroethane	50.000	50.754	-1.5	96	0.00
91 T	1,2-Dichlorobenzene	50.000	51.522	-3.0	95	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	42.541	14.9	82	0.00
93 T	1,2,4-Trichlorobenzene	50.000	52.769	-5.5	95	0.00
94 T	Hexachlorobutadiene	50.000	54.169	-8.3	105	0.00
95 T	Naphthalene	50.000	47.073	5.9	91	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	52.811	-5.6	95	0.00

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