

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022223\
 Data File : VY012683.D
 Acq On : 22 Feb 2023 09:57
 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: Feb 22 14:04:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 22 01:21:05 2023
 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	92	0.00
2 T	Dichlorodifluoromethane	50.000	40.993	18.0	82	0.00
3 P	Chloromethane	50.000	45.542	8.9	85	0.00
4 C	Vinyl Chloride	50.000	47.220	5.6#	91	0.00
5 T	Bromomethane	50.000	53.956	-7.9	107	0.00
6 T	Chloroethane	50.000	47.828	4.3	98	0.00
7 T	Trichlorofluoromethane	50.000	48.484	3.0	94	0.00
8 T	Diethyl Ether	50.000	44.926	10.1	83	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	46.494	7.0	91	0.00
10 T	Methyl Iodide	50.000	48.001	4.0	90	0.00
11 T	Tert butyl alcohol	250.000	180.088	28.0#	74	0.00
12 CM	1,1-Dichloroethene	50.000	46.106	7.8#	89	0.00
13 T	Acrolein	250.000	212.595	15.0	72	0.00
14 T	Allyl chloride	50.000	46.369	7.3	87	0.00
15 T	Acrylonitrile	250.000	218.712	12.5	76	0.00
16 T	Acetone	250.000	259.345	-3.7	89	0.00
17 T	Carbon Disulfide	50.000	43.127	13.7	84	0.01
18 T	Methyl Acetate	50.000	42.802	14.4	75	0.00
19 T	Methyl tert-butyl Ether	50.000	47.908	4.2	86	0.00
20 T	Methylene Chloride	50.000	46.395	7.2	85	0.00
21 T	trans-1,2-Dichloroethene	50.000	47.805	4.4	91	0.00
22 T	Diisopropyl ether	50.000	51.140	-2.3	95	0.00
23 T	Vinyl Acetate	250.000	246.739	1.3	87	0.00
24 P	1,1-Dichloroethane	50.000	49.144	1.7	94	0.00
25 T	2-Butanone	250.000	240.067	4.0	82	0.00
26 T	2,2-Dichloropropane	50.000	50.618	-1.2	101	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.093	1.8	94	0.00
28 T	Bromochloromethane	50.000	51.526	-3.1	92	0.00
29 T	Tetrahydrofuran	250.000	223.025	10.8	75	0.00
30 C	Chloroform	50.000	49.945	0.1#	95	0.00
31 T	Cyclohexane	50.000	45.500	9.0	92	0.00
32 T	1,1,1-Trichloroethane	50.000	50.015	-0.0	97	0.01
33 S	1,2-Dichloroethane-d4	50.000	48.164	3.7	90	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	92	0.00
35 S	Dibromofluoromethane	50.000	48.770	2.5	90	0.00
36 T	1,1-Dichloropropene	50.000	49.194	1.6	95	0.00
37 T	Ethyl Acetate	50.000	43.703	12.6	75	0.00
38 T	Carbon Tetrachloride	50.000	51.333	-2.7	99	0.00
39 T	Methylcyclohexane	50.000	50.017	-0.0	94	0.00
40 TM	Benzene	50.000	49.311	1.4	93	0.00
41 T	Methacrylonitrile	50.000	53.724	-7.4	104	0.00
42 TM	1,2-Dichloroethane	50.000	49.715	0.6	93	0.00
43 T	Isopropyl Acetate	50.000	46.599	6.8	81	0.00
44 TM	Trichloroethene	50.000	49.442	1.1	95	0.00
45 C	1,2-Dichloropropane	50.000	49.602	0.8#	93	0.00
46 T	Dibromomethane	50.000	49.166	1.7	89	0.00
47 T	Bromodichloromethane	50.000	50.528	-1.1	96	0.00
48 T	Methyl methacrylate	50.000	48.322	3.4	86	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	738.377	26.2#	72	0.00
50 S	Toluene-d8	50.000	50.279	-0.6	94	0.00
51 T	4-Methyl-2-Pentanone	250.000	234.101	6.4	79	0.00
52 CM	Toluene	50.000	50.942	-1.9#	95	0.00
53 T	t-1,3-Dichloropropene	50.000	50.248	-0.5	93	0.00
54 T	cis-1,3-Dichloropropene	50.000	49.853	0.3	92	0.00
55 T	1,1,2-Trichloroethane	50.000	47.133	5.7	88	0.00
56 T	Ethyl methacrylate	50.000	48.553	2.9	83	0.00
57 T	1,3-Dichloropropane	50.000	47.508	5.0	87	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	226.929	9.2	80	0.00
59 T	2-Hexanone	250.000	245.411	1.8	80	0.00
60 T	Dibromochloromethane	50.000	48.941	2.1	91	0.00
61 T	1,2-Dibromoethane	50.000	47.092	5.8	86	0.00
62 S	4-Bromofluorobenzene	50.000	50.721	-1.4	94	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	91	0.00
64 T	Tetrachloroethene	50.000	50.817	-1.6	97	0.00
65 PM	Chlorobenzene	50.000	50.152	-0.3	95	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	51.032	-2.1	95	0.00
67 C	Ethyl Benzene	50.000	52.209	-4.4#	98	0.00
68 T	m/p-Xylenes	100.000	104.163	-4.2	97	0.00
69 T	o-Xylene	50.000	52.121	-4.2	95	0.00
70 T	Styrene	50.000	53.129	-6.3	96	0.00
71 P	Bromoform	50.000	48.937	2.1	88	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	91	0.00
73 T	Isopropylbenzene	50.000	52.887	-5.8	98	0.00
74 T	N-amyl acetate	50.000	47.764	4.5	80	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	45.654	8.7	82	0.00
76 T	1,2,3-Trichloropropane	50.000	50.983	-2.0	92	0.00
77 T	Bromobenzene	50.000	50.201	-0.4	94	0.00
78 T	n-propylbenzene	50.000	51.614	-3.2	97	0.00
79 T	2-Chlorotoluene	50.000	51.455	-2.9	97	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.974	-3.9	98	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	46.477	7.0	82	0.00
82 T	4-Chlorotoluene	50.000	50.868	-1.7	96	0.00
83 T	tert-Butylbenzene	50.000	53.909	-7.8	100	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.912	-3.8	96	0.00
85 T	sec-Butylbenzene	50.000	52.101	-4.2	98	0.00
86 T	p-Isopropyltoluene	50.000	52.489	-5.0	98	0.00
87 T	1,3-Dichlorobenzene	50.000	50.239	-0.5	95	0.00
88 T	1,4-Dichlorobenzene	50.000	49.852	0.3	96	0.00
89 T	n-Butylbenzene	50.000	52.153	-4.3	98	0.00
90 T	Hexachloroethane	50.000	50.249	-0.5	98	0.00
91 T	1,2-Dichlorobenzene	50.000	50.024	-0.0	94	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	44.898	10.2	80	0.00
93 T	1,2,4-Trichlorobenzene	50.000	47.957	4.1	90	0.00
94 T	Hexachlorobutadiene	50.000	48.881	2.2	97	0.00
95 T	Naphthalene	50.000	45.875	8.3	79	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	46.971	6.1	88	0.00

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