

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011123\
 Data File : VY012166.D
 Acq On : 11 Jan 2023 16:21
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jan 12 05:50:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 07 01:46:48 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	116	0.00
2 T	Dichlorodifluoromethane	50.000	38.835	22.3	93	0.00
3 P	Chloromethane	50.000	44.336	11.3	107	0.00
4 C	Vinyl Chloride	50.000	40.805	18.4#	107	0.00
5 T	Bromomethane	50.000	45.921	8.2	109	0.00
6 T	Chloroethane	50.000	43.837	12.3	114	0.00
7 T	Trichlorofluoromethane	50.000	42.660	14.7	107	0.00
8 T	Diethyl Ether	50.000	49.285	1.4	122	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	46.730	6.5	114	0.00
10 T	Methyl Iodide	50.000	45.705	8.6	111	0.00
11 T	Tert butyl alcohol	250.000	176.190	29.5#	93	0.03
12 CM	1,1-Dichloroethene	50.000	46.159	7.7#	116	0.00
13 T	Acrolein	250.000	194.610	22.2	104	0.00
14 T	Allyl chloride	50.000	50.218	-0.4	124	0.00
15 T	Acrylonitrile	250.000	261.228	-4.5	128	0.00
16 T	Acetone	250.000	215.441	13.8	107	0.01
17 T	Carbon Disulfide	50.000	45.889	8.2	112	0.00
18 T	Methyl Acetate	50.000	50.591	-1.2	131	0.00
19 T	Methyl tert-butyl Ether	50.000	52.002	-4.0	123	0.00
20 T	Methylene Chloride	50.000	59.215	-18.4	134	0.00
21 T	trans-1,2-Dichloroethene	50.000	47.887	4.2	119	0.00
22 T	Diisopropyl ether	50.000	54.862	-9.7	130	0.00
23 T	Vinyl Acetate	250.000	274.490	-9.8	129	0.00
24 P	1,1-Dichloroethane	50.000	51.623	-3.2	125	0.00
25 T	2-Butanone	250.000	251.585	-0.6	126	0.00
26 T	2,2-Dichloropropane	50.000	47.596	4.8	116	0.00
27 T	cis-1,2-Dichloroethene	50.000	51.888	-3.8	124	0.00
28 T	Bromochloromethane	50.000	49.384	1.2	123	0.00
29 T	Tetrahydrofuran	250.000	274.180	-9.7	133	0.00
30 C	Chloroform	50.000	51.192	-2.4#	122	0.00
31 T	Cyclohexane	50.000	50.723	-1.4	118	0.00
32 T	1,1,1-Trichloroethane	50.000	48.874	2.3	116	0.00
33 S	1,2-Dichloroethane-d4	50.000	45.729	8.5	115	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	123	0.00
35 S	Dibromofluoromethane	50.000	47.682	4.6	120	0.00
36 T	1,1-Dichloropropene	50.000	46.053	7.9	120	0.00
37 T	Ethyl Acetate	50.000	47.831	4.3	132	0.00
38 T	Carbon Tetrachloride	50.000	44.703	10.6	112	0.00
39 T	Methylcyclohexane	50.000	47.107	5.8	121	0.00
40 TM	Benzene	50.000	47.920	4.2	123	0.00
41 T	Methacrylonitrile	50.000	50.912	-1.8	120	-0.01
42 TM	1,2-Dichloroethane	50.000	46.931	6.1	117	0.00
43 T	Isopropyl Acetate	50.000	52.873	-5.7	132	0.00
44 TM	Trichloroethene	50.000	49.177	1.6	126	0.00
45 C	1,2-Dichloropropane	50.000	53.728	-7.5#	135	0.00
46 T	Dibromomethane	50.000	51.292	-2.6	128	0.00
47 T	Bromodichloromethane	50.000	51.612	-3.2	128	0.00
48 T	Methyl methacrylate	50.000	54.264	-8.5	134	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	1012.234	-1.2	131	0.01
50 S	Toluene-d8	50.000	45.541	8.9	120	0.00
51 T	4-Methyl-2-Pentanone	250.000	277.049	-10.8	137	0.00
52 CM	Toluene	50.000	49.149	1.7#	126	0.00
53 T	t-1,3-Dichloropropene	50.000	51.881	-3.8	129	0.00
54 T	cis-1,3-Dichloropropene	50.000	52.406	-4.8	130	0.00
55 T	1,1,2-Trichloroethane	50.000	53.525	-7.0	130	0.00
56 T	Ethyl methacrylate	50.000	55.936	-11.9	135	0.00
57 T	1,3-Dichloropropane	50.000	54.065	-8.1	134	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	271.790	-8.7	138	0.00
59 T	2-Hexanone	250.000	277.470	-11.0	134	0.00
60 T	Dibromochloromethane	50.000	51.991	-4.0	128	0.00
61 T	1,2-Dibromoethane	50.000	53.259	-6.5	136	0.00
62 S	4-Bromofluorobenzene	50.000	50.535	-1.1	130	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	126	0.00
64 T	Tetrachloroethene	50.000	48.157	3.7	127	0.00
65 PM	Chlorobenzene	50.000	49.580	0.8	129	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.976	-2.0	130	0.00
67 C	Ethyl Benzene	50.000	49.304	1.4#	127	0.00
68 T	m/p-Xylenes	100.000	97.826	2.2	127	0.00
69 T	o-Xylene	50.000	49.943	0.1	128	0.00
70 T	Styrene	50.000	50.486	-1.0	128	0.00
71 P	Bromoform	50.000	52.442	-4.9	133	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	127	0.00
73 T	Isopropylbenzene	50.000	49.763	0.5	127	0.00
74 T	N-amyl acetate	50.000	59.281	-18.6	148	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	53.362	-6.7	138	0.00
76 T	1,2,3-Trichloropropane	50.000	52.047	-4.1	144	0.00
77 T	Bromobenzene	50.000	50.089	-0.2	131	0.00
78 T	n-propylbenzene	50.000	48.957	2.1	126	0.00
79 T	2-Chlorotoluene	50.000	49.061	1.9	128	0.00
80 T	1,3,5-Trimethylbenzene	50.000	48.451	3.1	125	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	51.888	-3.8	133	0.00
82 T	4-Chlorotoluene	50.000	49.249	1.5	128	0.00
83 T	tert-Butylbenzene	50.000	49.309	1.4	125	0.00
84 T	1,2,4-Trimethylbenzene	50.000	49.091	1.8	126	0.00
85 T	sec-Butylbenzene	50.000	49.129	1.7	125	0.00
86 T	p-Isopropyltoluene	50.000	48.598	2.8	124	0.00
87 T	1,3-Dichlorobenzene	50.000	48.100	3.8	125	0.00
88 T	1,4-Dichlorobenzene	50.000	48.277	3.4	127	0.00
89 T	n-Butylbenzene	50.000	50.950	-1.9	129	0.00
90 T	Hexachloroethane	50.000	49.304	1.4	127	0.00
91 T	1,2-Dichlorobenzene	50.000	49.837	0.3	130	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	52.224	-4.4	138	0.00
93 T	1,2,4-Trichlorobenzene	50.000	53.595	-7.2	140	0.00
94 T	Hexachlorobutadiene	50.000	50.288	-0.6	130	0.00
95 T	Naphthalene	50.000	58.987	-18.0	152	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	54.877	-9.8	144	0.00

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