

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022322\
 Data File : VY007592.D
 Acq On : 23 Feb 2022 11:35
 Operator : SY/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 24 07:34:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022322S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 24 07:13:58 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	59	0.00
2 T	Dichlorodifluoromethane	50.000	73.030	-46.1#	106	0.00
3 P	Chloromethane	50.000	71.892	-43.8#	103	0.00
4 C	Vinyl Chloride	50.000	72.497	-45.0#	103	0.00
5 T	Bromomethane	50.000	87.589	-75.2#	102	0.00
6 T	Chloroethane	50.000	73.021	-46.0#	103	0.00
7 T	Trichlorofluoromethane	50.000	78.483	-57.0#	110	0.00
8 T	Diethyl Ether	50.000	67.401	-34.8#	91	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	76.304	-52.6#	105	0.00
10 T	Methyl Iodide	50.000	80.609	-61.2#	100	0.00
11 T	Tert butyl alcohol	250.000	327.009	-30.8#	89	0.00
12 CM	1,1-Dichloroethene	50.000	74.739	-49.5#	100	0.00
13 T	Acrolein	250.000	105.258	57.9#	29	0.00
14 T	Allyl chloride	50.000	74.860	-49.7#	99	0.00
15 T	Acrylonitrile	250.000	336.685	-34.7#	90	0.00
16 T	Acetone	250.000	404.085	-61.6#	108	0.00
17 T	Carbon Disulfide	50.000	70.966	-41.9#	102	0.00
18 T	Methyl Acetate	50.000	61.049	-22.1	87	0.00
19 T	Methyl tert-butyl Ether	50.000	70.113	-40.2#	94	0.00
20 T	Methylene Chloride	50.000	70.755	-41.5#	90	0.00
21 T	trans-1,2-Dichloroethene	50.000	69.724	-39.4#	99	0.00
22 T	Diisopropyl ether	50.000	65.148	-30.3#	92	0.00
23 T	Vinyl Acetate	250.000	352.061	-40.8#	94	0.00
24 P	1,1-Dichloroethane	50.000	73.001	-46.0#	99	0.00
25 T	2-Butanone	250.000	346.505	-38.6#	95	0.00
26 T	2,2-Dichloropropane	50.000	76.823	-53.6#	105	0.00
27 T	cis-1,2-Dichloroethene	50.000	71.512	-43.0#	97	0.00
28 T	Bromochloromethane	50.000	65.818	-31.6#	89	0.00
29 T	Tetrahydrofuran	250.000	315.536	-26.2#	90	0.00
30 C	Chloroform	50.000	72.795	-45.6#	100	0.00
31 T	Cyclohexane	50.000	81.199	-62.4#	104	0.00
32 T	1,1,1-Trichloroethane	50.000	76.073	-52.1#	106	0.00
33 S	1,2-Dichloroethane-d4	50.000	58.107	-16.2	80	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	64	0.00
35 S	Dibromofluoromethane	50.000	52.694	-5.4	77	0.00
36 T	1,1-Dichloropropene	50.000	65.556	-31.1#	100	0.00
37 T	Ethyl Acetate	50.000	58.732	-17.5	92	0.00
38 T	Carbon Tetrachloride	50.000	69.727	-39.5#	105	0.00
39 T	Methylcyclohexane	50.000	74.450	-48.9#	102	0.00
40 TM	Benzene	50.000	65.279	-30.6#	98	0.00
41 T	Methacrylonitrile	50.000	153.048	-206.1#	210	0.02
42 TM	1,2-Dichloroethane	50.000	64.632	-29.3#	96	0.00
43 T	Isopropyl Acetate	50.000	59.736	-19.5	89	0.00
44 TM	Trichloroethene	50.000	68.029	-36.1#	103	0.00
45 C	1,2-Dichloropropane	50.000	64.748	-29.5#	96	0.00
46 T	Dibromomethane	50.000	64.104	-28.2#	95	0.00
47 T	Bromodichloromethane	50.000	69.329	-38.7#	101	0.00
48 T	Methyl methacrylate	50.000	59.518	-19.0	90	0.00

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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)
49 T	1,4-Dioxane	1000.000	1160.799	-16.1	88	0.00
50 S	Toluene-d8	50.000	43.305	13.4	71	0.00
51 T	4-Methyl-2-Pentanone	250.000	303.920	-21.6	90	0.00
52 CM	Toluene	50.000	64.542	-29.1#	100	0.00
53 T	t-1,3-Dichloropropene	50.000	63.763	-27.5#	101	0.00
54 T	cis-1,3-Dichloropropene	50.000	63.596	-27.2#	95	0.00
55 T	1,1,2-Trichloroethane	50.000	62.264	-24.5	98	0.00
56 T	Ethyl methacrylate	50.000	61.923	-23.8	94	0.00
57 T	1,3-Dichloropropane	50.000	62.669	-25.3#	95	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	328.496	-31.4#	90	0.00
59 T	2-Hexanone	250.000	311.508	-24.6	94	0.00
60 T	Dibromochloromethane	50.000	65.633	-31.3#	97	0.00
61 T	1,2-Dibromoethane	50.000	61.762	-23.5	93	0.00
62 S	4-Bromofluorobenzene	50.000	46.087	7.8	76	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	69	0.00
64 T	Tetrachloroethene	50.000	70.447	-40.9#	104	0.00
65 PM	Chlorobenzene	50.000	63.029	-26.1#	101	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	63.627	-27.3#	100	0.00
67 C	Ethyl Benzene	50.000	63.964	-27.9#	103	0.00
68 T	m/p-Xylenes	100.000	124.779	-24.8	103	0.00
69 T	o-Xylene	50.000	61.976	-24.0	103	0.00
70 T	Styrene	50.000	62.220	-24.4	103	0.00
71 P	Bromoform	50.000	58.109	-16.2	95	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	72	0.00
73 T	Isopropylbenzene	50.000	64.170	-28.3#	104	0.00
74 T	N-amyl acetate	50.000	63.049	-26.1#	95	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	58.245	-16.5	93	0.00
76 T	1,2,3-Trichloropropane	50.000	118.041	-136.1#	189	0.00
77 T	Bromobenzene	50.000	60.744	-21.5	99	0.00
78 T	n-propylbenzene	50.000	64.451	-28.9#	104	0.00
79 T	2-Chlorotoluene	50.000	62.549	-25.1#	104	0.00
80 T	1,3,5-Trimethylbenzene	50.000	64.136	-28.3#	103	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	59.328	-18.7	94	0.00
82 T	4-Chlorotoluene	50.000	63.213	-26.4#	102	0.00
83 T	tert-Butylbenzene	50.000	63.730	-27.5#	102	0.00
84 T	1,2,4-Trimethylbenzene	50.000	63.684	-27.4#	102	0.00
85 T	sec-Butylbenzene	50.000	64.492	-29.0#	104	0.00
86 T	p-Isopropyltoluene	50.000	64.849	-29.7#	103	0.00
87 T	1,3-Dichlorobenzene	50.000	63.418	-26.8#	102	0.00
88 T	1,4-Dichlorobenzene	50.000	63.168	-26.3#	102	0.00
89 T	n-Butylbenzene	50.000	65.058	-30.1#	103	0.00
90 T	Hexachloroethane	50.000	65.297	-30.6#	104	0.00
91 T	1,2-Dichlorobenzene	50.000	61.375	-22.8	98	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	60.634	-21.3	91	0.00
93 T	1,2,4-Trichlorobenzene	50.000	64.048	-28.1#	100	0.00
94 T	Hexachlorobutadiene	50.000	66.815	-33.6#	101	0.00
95 T	Naphthalene	50.000	60.385	-20.8	92	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	63.683	-27.4#	98	0.00

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