

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051322\
 Data File : VY008763.D
 Acq On : 13 May 2022 20:42
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: May 16 05:56:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051222S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 13 02:08:33 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	61	0.00
2 T	Dichlorodifluoromethane	50.000	63.725	-27.5#	74	0.00
3 P	Chloromethane	50.000	65.396	-30.8#	77	0.00
4 C	Vinyl Chloride	50.000	63.640	-27.3#	76	0.00
5 T	Bromomethane	50.000	71.089	-42.2#	82	0.00
6 T	Chloroethane	50.000	63.360	-26.7#	77	0.00
7 T	Trichlorofluoromethane	50.000	57.888	-15.8	75	0.00
8 T	Diethyl Ether	50.000	66.140	-32.3#	86	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	60.300	-20.6	77	0.00
10 T	Methyl Iodide	50.000	58.241	-16.5	70	0.00
11 T	Tert butyl alcohol	250.000	134.367	46.3#	72	0.00
12 CM	1,1-Dichloroethene	50.000	59.143	-18.3#	76	0.00
13 T	Acrolein	250.000	243.319	2.7	81	0.00
14 T	Allyl chloride	50.000	60.663	-21.3	78	0.00
15 T	Acrylonitrile	250.000	344.448	-37.8#	94	0.00
16 T	Acetone	250.000	326.214	-30.5#	81	0.00
17 T	Carbon Disulfide	50.000	57.533	-15.1	76	0.00
18 T	Methyl Acetate	50.000	72.265	-44.5#	90	0.00
19 T	Methyl tert-butyl Ether	50.000	65.622	-31.2#	85	0.00
20 T	Methylene Chloride	50.000	73.157	-46.3#	83	0.00
21 T	trans-1,2-Dichloroethene	50.000	59.723	-19.4	78	0.00
22 T	Diisopropyl ether	50.000	66.374	-32.7#	84	0.00
23 T	Vinyl Acetate	250.000	381.300	-52.5#	88	0.00
24 P	1,1-Dichloroethane	50.000	62.405	-24.8	79	0.00
25 T	2-Butanone	250.000	339.707	-35.9#	91	0.00
26 T	2,2-Dichloropropane	50.000	58.067	-16.1	72	0.00
27 T	cis-1,2-Dichloroethene	50.000	63.860	-27.7#	80	0.00
28 T	Bromochloromethane	50.000	59.446	-18.9	78	0.00
29 T	Tetrahydrofuran	250.000	351.584	-40.6#	94	0.00
30 C	Chloroform	50.000	63.934	-27.9#	80	0.00
31 T	Cyclohexane	50.000	63.600	-27.2#	74	0.00
32 T	1,1,1-Trichloroethane	50.000	61.065	-22.1	77	0.00
33 S	1,2-Dichloroethane-d4	50.000	51.358	-2.7	66	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	61	0.00
35 S	Dibromofluoromethane	50.000	44.331	11.3	59	0.00
36 T	1,1-Dichloropropene	50.000	58.415	-16.8	76	0.00
37 T	Ethyl Acetate	50.000	66.742	-33.5#	96	0.00
38 T	Carbon Tetrachloride	50.000	58.661	-17.3	75	0.00
39 T	Methylcyclohexane	50.000	57.844	-15.7	74	0.00
40 TM	Benzene	50.000	60.108	-20.2	78	0.00
41 T	Methacrylonitrile	50.000	75.880	-51.8#	93	-0.01
42 TM	1,2-Dichloroethane	50.000	66.321	-32.6#	88	0.00
43 T	Isopropyl Acetate	50.000	67.347	-34.7#	90	0.00
44 TM	Trichloroethene	50.000	59.716	-19.4	76	0.00
45 C	1,2-Dichloropropane	50.000	64.488	-29.0#	83	0.00
46 T	Dibromomethane	50.000	65.220	-30.4#	86	0.00
47 T	Bromodichloromethane	50.000	63.825	-27.7#	83	0.00
48 T	Methyl methacrylate	50.000	67.647	-35.3#	91	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)

49 T	1,4-Dioxane	1000.000	1407.493	-40.7#	97	0.00
50 S	Toluene-d8	50.000	40.624	18.8	54	0.00
51 T	4-Methyl-2-Pentanone	250.000	353.753	-41.5#	96	0.00
52 CM	Toluene	50.000	61.038	-22.1#	77	0.00
53 T	t-1,3-Dichloropropene	50.000	64.435	-28.9#	83	0.00
54 T	cis-1,3-Dichloropropene	50.000	63.112	-26.2#	82	0.00
55 T	1,1,2-Trichloroethane	50.000	67.507	-35.0#	88	0.00
56 T	Ethyl methacrylate	50.000	67.868	-35.7#	87	0.00
57 T	1,3-Dichloropropane	50.000	66.960	-33.9#	87	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	343.388	-37.4#	89	0.00
59 T	2-Hexanone	250.000	356.137	-42.5#	94	0.00
60 T	Dibromochloromethane	50.000	66.851	-33.7#	86	0.00
61 T	1,2-Dibromoethane	50.000	65.261	-30.5#	88	0.00
62 S	4-Bromofluorobenzene	50.000	45.042	9.9	58	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	65	0.00
64 T	Tetrachloroethene	50.000	54.311	-8.6	77	0.00
65 PM	Chlorobenzene	50.000	58.451	-16.9	79	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	59.768	-19.5	80	0.00
67 C	Ethyl Benzene	50.000	57.968	-15.9#	75	0.00
68 T	m/p-Xylenes	100.000	119.057	-19.1	76	0.00
69 T	o-Xylene	50.000	60.339	-20.7	78	0.00
70 T	Styrene	50.000	62.253	-24.5	77	0.00
71 P	Bromoform	50.000	75.003	-50.0#	102	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	71	0.00
73 T	Isopropylbenzene	50.000	49.784	0.4	74	0.00
74 T	N-amyl acetate	50.000	58.468	-16.9	90	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	54.570	-9.1	90	0.00
76 T	1,2,3-Trichloropropane	50.000	59.213	-18.4	89	0.00
77 T	Bromobenzene	50.000	50.125	-0.3	79	0.00
78 T	n-propylbenzene	50.000	51.187	-2.4	76	0.00
79 T	2-Chlorotoluene	50.000	51.253	-2.5	76	0.00
80 T	1,3,5-Trimethylbenzene	50.000	52.604	-5.2	76	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	54.280	-8.6	85	0.00
82 T	4-Chlorotoluene	50.000	52.232	-4.5	76	0.00
83 T	tert-Butylbenzene	50.000	51.955	-3.9	76	0.00
84 T	1,2,4-Trimethylbenzene	50.000	55.328	-10.7	79	0.00
85 T	sec-Butylbenzene	50.000	52.916	-5.8	75	0.00
86 T	p-Isopropyltoluene	50.000	57.015	-14.0	80	0.00
87 T	1,3-Dichlorobenzene	50.000	57.278	-14.6	84	0.00
88 T	1,4-Dichlorobenzene	50.000	57.530	-15.1	85	0.00
89 T	n-Butylbenzene	50.000	52.668	-5.3	75	0.00
90 T	Hexachloroethane	50.000	52.973	-5.9	77	0.00
91 T	1,2-Dichlorobenzene	50.000	55.254	-10.5	83	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	53.436	-6.9	92	0.00
93 T	1,2,4-Trichlorobenzene	50.000	49.281	1.4	78	0.00
94 T	Hexachlorobutadiene	50.000	47.866	4.3	75	0.00
95 T	Naphthalene	50.000	52.171	-4.3	87	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	49.230	1.5	81	0.00

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