

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050423\
 Data File : VY013612.D
 Acq On : 04 May 2023 19:56
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: May 05 01:01:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 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	99	0.00
2 T	Dichlorodifluoromethane	50.000	53.636	-7.3	103	0.00
3 P	Chloromethane	50.000	44.491	11.0	90	0.00
4 C	Vinyl Chloride	50.000	44.954	10.1#	91	0.00
5 T	Bromomethane	50.000	44.186	11.6	93	0.00
6 T	Chloroethane	50.000	44.345	11.3	92	0.00
7 T	Trichlorofluoromethane	50.000	51.323	-2.6	102	0.00
8 T	Diethyl Ether	50.000	52.143	-4.3	101	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	50.263	-0.5	102	0.00
10 T	Methyl Iodide	50.000	43.560	12.9	79	0.00
11 T	Tert butyl alcohol	250.000	331.058	-32.4#	141	0.00
12 CM	1,1-Dichloroethene	50.000	48.346	3.3#	94	0.00
13 T	Acrolein	250.000	220.682	11.7	93	0.00
14 T	Allyl chloride	50.000	48.665	2.7	94	0.00
15 T	Acrylonitrile	250.000	313.194	-25.3#	119	0.00
16 T	Acetone	250.000	260.872	-4.3	93	0.00
17 T	Carbon Disulfide	50.000	44.292	11.4	85	0.00
18 T	Methyl Acetate	50.000	61.642	-23.3	120	0.00
19 T	Methyl tert-butyl Ether	50.000	56.374	-12.7	107	0.00
20 T	Methylene Chloride	50.000	53.165	-6.3	105	0.00
21 T	trans-1,2-Dichloroethene	50.000	50.342	-0.7	97	0.00
22 T	Diisopropyl ether	50.000	53.538	-7.1	103	0.00
23 T	Vinyl Acetate	250.000	309.857	-23.9	116	0.00
24 P	1,1-Dichloroethane	50.000	51.393	-2.8	101	0.00
25 T	2-Butanone	250.000	307.373	-22.9	115	0.00
26 T	2,2-Dichloropropane	50.000	51.281	-2.6	101	0.00
27 T	cis-1,2-Dichloroethene	50.000	53.278	-6.6	104	0.00
28 T	Bromochloromethane	50.000	54.389	-8.8	108	0.00
29 T	Tetrahydrofuran	250.000	323.831	-29.5#	123	0.00
30 C	Chloroform	50.000	54.853	-9.7#	109	0.00
31 T	Cyclohexane	50.000	46.028	7.9	94	0.00
32 T	1,1,1-Trichloroethane	50.000	54.498	-9.0	107	0.00
33 S	1,2-Dichloroethane-d4	50.000	54.201	-8.4	113	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	98	0.00
35 S	Dibromofluoromethane	50.000	53.307	-6.6	111	0.00
36 T	1,1-Dichloropropene	50.000	51.176	-2.4	101	0.00
37 T	Ethyl Acetate	50.000	61.848	-23.7	116	0.00
38 T	Carbon Tetrachloride	50.000	55.467	-10.9	107	0.00
39 T	Methylcyclohexane	50.000	50.938	-1.9	98	0.00
40 TM	Benzene	50.000	53.302	-6.6	103	0.00
41 T	Methacrylonitrile	50.000	56.140	-12.3	106	0.00
42 TM	1,2-Dichloroethane	50.000	58.329	-16.7	112	0.00
43 T	Isopropyl Acetate	50.000	60.747	-21.5	115	0.00
44 TM	Trichloroethene	50.000	52.764	-5.5	102	0.00
45 C	1,2-Dichloropropane	50.000	53.586	-7.2#	104	0.00
46 T	Dibromomethane	50.000	56.131	-12.3	108	0.00
47 T	Bromodichloromethane	50.000	57.293	-14.6	111	0.00
48 T	Methyl methacrylate	50.000	61.676	-23.4	113	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	1404.656	-40.5#	131	0.00
50 S	Toluene-d8	50.000	50.137	-0.3	105	0.00
51 T	4-Methyl-2-Pentanone	250.000	330.548	-32.2#	123	0.00
52 CM	Toluene	50.000	54.991	-10.0#	105	0.00
53 T	t-1,3-Dichloropropene	50.000	57.212	-14.4	108	0.00
54 T	cis-1,3-Dichloropropene	50.000	54.372	-8.7	105	0.00
55 T	1,1,2-Trichloroethane	50.000	58.339	-16.7	113	0.00
56 T	Ethyl methacrylate	50.000	63.391	-26.8#	116	0.00
57 T	1,3-Dichloropropane	50.000	58.567	-17.1	113	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	299.335	-19.7	125	0.00
59 T	2-Hexanone	250.000	340.116	-36.0#	123	0.00
60 T	Dibromochloromethane	50.000	58.870	-17.7	111	0.00
61 T	1,2-Dibromoethane	50.000	58.269	-16.5	111	0.00
62 S	4-Bromofluorobenzene	50.000	56.188	-12.4	118	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	103	0.00
64 T	Tetrachloroethene	50.000	55.602	-11.2	113	0.00
65 PM	Chlorobenzene	50.000	52.896	-5.8	108	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	56.184	-12.4	116	0.00
67 C	Ethyl Benzene	50.000	54.057	-8.1#	109	0.00
68 T	m/p-Xylenes	100.000	108.123	-8.1	109	0.00
69 T	o-Xylene	50.000	54.787	-9.6	108	0.00
70 T	Styrene	50.000	56.212	-12.4	112	0.00
71 P	Bromoform	50.000	60.795	-21.6	123	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	110	0.00
73 T	Isopropylbenzene	50.000	51.398	-2.8	110	0.00
74 T	N-amyl acetate	50.000	57.255	-14.5	117	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	55.056	-10.1	118	0.00
76 T	1,2,3-Trichloropropane	50.000	54.727	-9.5	115	0.00
77 T	Bromobenzene	50.000	53.554	-7.1	115	0.00
78 T	n-propylbenzene	50.000	51.310	-2.6	109	0.00
79 T	2-Chlorotoluene	50.000	52.130	-4.3	112	0.00
80 T	1,3,5-Trimethylbenzene	50.000	52.634	-5.3	112	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	56.453	-12.9	116	0.00
82 T	4-Chlorotoluene	50.000	51.351	-2.7	110	0.00
83 T	tert-Butylbenzene	50.000	53.548	-7.1	114	0.00
84 T	1,2,4-Trimethylbenzene	50.000	53.798	-7.6	113	0.00
85 T	sec-Butylbenzene	50.000	52.082	-4.2	111	0.00
86 T	p-Isopropyltoluene	50.000	53.431	-6.9	114	0.00
87 T	1,3-Dichlorobenzene	50.000	53.153	-6.3	115	0.00
88 T	1,4-Dichlorobenzene	50.000	52.415	-4.8	115	0.00
89 T	n-Butylbenzene	50.000	52.436	-4.9	112	0.00
90 T	Hexachloroethane	50.000	51.027	-2.1	113	0.00
91 T	1,2-Dichlorobenzene	50.000	54.386	-8.8	116	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	62.878	-25.8#	138	0.00
93 T	1,2,4-Trichlorobenzene	50.000	59.773	-19.5	130	0.00
94 T	Hexachlorobutadiene	50.000	59.301	-18.6	133	0.00
95 T	Naphthalene	50.000	65.754	-31.5#	137	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	62.440	-24.9	134	0.00

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