

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050923\
 Data File : VY013676.D
 Acq On : 09 May 2023 18:18
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: May 10 05:41:10 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	91	0.00
2 T	Dichlorodifluoromethane	50.000	49.236	1.5	87	0.00
3 P	Chloromethane	50.000	44.047	11.9	82	0.00
4 C	Vinyl Chloride	50.000	44.971	10.1#	84	0.00
5 T	Bromomethane	50.000	44.004	12.0	85	0.00
6 T	Chloroethane	50.000	43.215	13.6	83	0.00
7 T	Trichlorofluoromethane	50.000	52.473	-4.9	96	0.00
8 T	Diethyl Ether	50.000	50.065	-0.1	89	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.534	0.9	93	0.00
10 T	Methyl Iodide	50.000	45.348	9.3	76	0.00
11 T	Tert butyl alcohol	250.000	390.618	-56.2#	153	-0.02
12 CM	1,1-Dichloroethene	50.000	47.153	5.7#	85	0.00
13 T	Acrolein	250.000	235.482	5.8	91	0.00
14 T	Allyl chloride	50.000	47.451	5.1	84	0.00
15 T	Acrylonitrile	250.000	278.908	-11.6	98	0.00
16 T	Acetone	250.000	270.373	-8.1	89	0.00
17 T	Carbon Disulfide	50.000	42.624	14.8	76	0.00
18 T	Methyl Acetate	50.000	54.284	-8.6	97	0.00
19 T	Methyl tert-butyl Ether	50.000	54.059	-8.1	95	0.00
20 T	Methylene Chloride	50.000	49.102	1.8	91	0.00
21 T	trans-1,2-Dichloroethene	50.000	50.307	-0.6	89	0.00
22 T	Diisopropyl ether	50.000	53.449	-6.9	95	0.00
23 T	Vinyl Acetate	250.000	294.946	-18.0	101	0.00
24 P	1,1-Dichloroethane	50.000	51.797	-3.6	93	0.00
25 T	2-Butanone	250.000	277.028	-10.8	96	0.00
26 T	2,2-Dichloropropane	50.000	53.929	-7.9	98	0.00
27 T	cis-1,2-Dichloroethene	50.000	53.424	-6.8	96	0.00
28 T	Bromochloromethane	50.000	53.604	-7.2	98	0.00
29 T	Tetrahydrofuran	250.000	271.919	-8.8	95	0.00
30 C	Chloroform	50.000	56.052	-12.1#	102	0.00
31 T	Cyclohexane	50.000	44.935	10.1	85	0.00
32 T	1,1,1-Trichloroethane	50.000	54.824	-9.6	99	0.00
33 S	1,2-Dichloroethane-d4	50.000	55.554	-11.1	106	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	88	0.00
35 S	Dibromofluoromethane	50.000	55.493	-11.0	104	0.00
36 T	1,1-Dichloropropene	50.000	52.016	-4.0	92	0.00
37 T	Ethyl Acetate	50.000	56.018	-12.0	94	0.00
38 T	Carbon Tetrachloride	50.000	56.522	-13.0	98	0.00
39 T	Methylcyclohexane	50.000	50.479	-1.0	87	0.00
40 TM	Benzene	50.000	54.562	-9.1	95	0.00
41 T	Methacrylonitrile	50.000	59.987	-20.0	102	0.00
42 TM	1,2-Dichloroethane	50.000	58.770	-17.5	101	0.00
43 T	Isopropyl Acetate	50.000	55.291	-10.6	94	0.00
44 TM	Trichloroethene	50.000	54.519	-9.0	95	0.00
45 C	1,2-Dichloropropane	50.000	55.974	-11.9#	98	0.00
46 T	Dibromomethane	50.000	56.227	-12.5	98	0.00
47 T	Bromodichloromethane	50.000	58.539	-17.1	102	0.00
48 T	Methyl methacrylate	50.000	55.989	-12.0	92	0.00

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

49 T	1,4-Dioxane	1000.000	1174.196	-17.4	99	0.00
50 S	Toluene-d8	50.000	52.147	-4.3	98	0.00
51 T	4-Methyl-2-Pentanone	250.000	293.436	-17.4	98	0.00
52 CM	Toluene	50.000	56.601	-13.2#	98	0.00
53 T	t-1,3-Dichloropropene	50.000	57.669	-15.3	98	0.00
54 T	cis-1,3-Dichloropropene	50.000	55.753	-11.5	97	0.00
55 T	1,1,2-Trichloroethane	50.000	57.200	-14.4	100	0.00
56 T	Ethyl methacrylate	50.000	59.455	-18.9	98	0.00
57 T	1,3-Dichloropropane	50.000	58.355	-16.7	102	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	271.565	-8.6	102	0.00
59 T	2-Hexanone	250.000	294.693	-17.9	96	0.00
60 T	Dibromochloromethane	50.000	59.161	-18.3	101	0.00
61 T	1,2-Dibromoethane	50.000	56.685	-13.4	97	0.00
62 S	4-Bromofluorobenzene	50.000	58.016	-16.0	109	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	93	0.00
64 T	Tetrachloroethene	50.000	53.324	-6.6	98	0.00
65 PM	Chlorobenzene	50.000	53.971	-7.9	100	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	57.010	-14.0	106	0.00
67 C	Ethyl Benzene	50.000	55.376	-10.8#	101	0.00
68 T	m/p-Xylenes	100.000	110.502	-10.5	100	0.00
69 T	o-Xylene	50.000	55.254	-10.5	99	0.00
70 T	Styrene	50.000	57.867	-15.7	104	0.00
71 P	Bromoform	50.000	59.387	-18.8	108	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	102	0.00
73 T	Isopropylbenzene	50.000	51.026	-2.1	101	0.00
74 T	N-ethyl acetate	50.000	49.764	0.5	94	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	51.412	-2.8	102	0.00
76 T	1,2,3-Trichloropropane	50.000	50.632	-1.3	99	0.00
77 T	Bromobenzene	50.000	53.276	-6.6	106	0.00
78 T	n-propylbenzene	50.000	50.788	-1.6	100	0.00
79 T	2-Chlorotoluene	50.000	51.254	-2.5	102	0.00
80 T	1,3,5-Trimethylbenzene	50.000	52.130	-4.3	102	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	50.789	-1.6	97	0.00
82 T	4-Chlorotoluene	50.000	51.141	-2.3	101	0.00
83 T	tert-Butylbenzene	50.000	52.303	-4.6	103	0.00
84 T	1,2,4-Trimethylbenzene	50.000	53.305	-6.6	104	0.00
85 T	sec-Butylbenzene	50.000	51.003	-2.0	101	0.00
86 T	p-Isopropyltoluene	50.000	52.263	-4.5	103	0.00
87 T	1,3-Dichlorobenzene	50.000	52.709	-5.4	106	0.00
88 T	1,4-Dichlorobenzene	50.000	51.412	-2.8	104	0.00
89 T	n-Butylbenzene	50.000	50.303	-0.6	100	0.00
90 T	Hexachloroethane	50.000	49.217	1.6	101	0.00
91 T	1,2-Dichlorobenzene	50.000	53.015	-6.0	105	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	51.098	-2.2	104	0.00
93 T	1,2,4-Trichlorobenzene	50.000	52.777	-5.6	106	0.00
94 T	Hexachlorobutadiene	50.000	54.054	-8.1	112	0.00
95 T	Naphthalene	50.000	53.387	-6.8	103	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	54.741	-9.5	109	0.00

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