

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042023\
 Data File : VY013361.D
 Acq On : 20 Apr 2023 10:46
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Apr 21 02:13:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 05:55:16 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	93	0.00
2 T	Dichlorodifluoromethane	50.000	49.719	0.6	96	0.00
3 P	Chloromethane	50.000	44.907	10.2	88	0.00
4 C	Vinyl Chloride	50.000	47.829	4.3#	93	0.00
5 T	Bromomethane	50.000	41.639	16.7	84	0.00
6 T	Chloroethane	50.000	44.292	11.4	88	0.00
7 T	Trichlorofluoromethane	50.000	53.645	-7.3	106	0.00
8 T	Diethyl Ether	50.000	49.837	0.3	98	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	50.350	-0.7	98	0.00
10 T	Methyl Iodide	50.000	53.933	-7.9	97	0.00
11 T	Tert butyl alcohol	250.000	151.772	39.3#	62	0.01
12 CM	1,1-Dichloroethene	50.000	49.375	1.3#	95	0.00
13 T	Acrolein	250.000	197.980	20.8	75	0.00
14 T	Allyl chloride	50.000	44.755	10.5	86	0.00
15 T	Acrylonitrile	250.000	227.515	9.0	84	0.00
16 T	Acetone	250.000	236.842	5.3	86	0.00
17 T	Carbon Disulfide	50.000	45.787	8.4	88	0.00
18 T	Methyl Acetate	50.000	44.239	11.5	81	0.00
19 T	Methyl tert-butyl Ether	50.000	50.773	-1.5	94	0.00
20 T	Methylene Chloride	50.000	57.624	-15.2	110	0.00
21 T	trans-1,2-Dichloroethene	50.000	50.388	-0.8	96	0.00
22 T	Diisopropyl ether	50.000	45.034	9.9	84	0.00
23 T	Vinyl Acetate	250.000	222.305	11.1	80	0.01
24 P	1,1-Dichloroethane	50.000	47.822	4.4	93	0.00
25 T	2-Butanone	250.000	214.911	14.0	78	0.00
26 T	2,2-Dichloropropane	50.000	46.797	6.4	93	0.00
27 T	cis-1,2-Dichloroethene	50.000	51.962	-3.9	98	0.01
28 T	Bromochloromethane	50.000	42.863	14.3	81	0.01
29 T	Tetrahydrofuran	250.000	205.872	17.7	72	0.00
30 C	Chloroform	50.000	50.385	-0.8#	99	0.00
31 T	Cyclohexane	50.000	39.377	21.2	78	0.00
32 T	1,1,1-Trichloroethane	50.000	49.248	1.5	97	0.00
33 S	1,2-Dichloroethane-d4	50.000	46.049	7.9	87	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	88	0.00
35 S	Dibromofluoromethane	50.000	55.394	-10.8	100	0.00
36 T	1,1-Dichloropropene	50.000	48.520	3.0	89	0.00
37 T	Ethyl Acetate	50.000	41.836	16.3	72	0.00
38 T	Carbon Tetrachloride	50.000	51.036	-2.1	94	0.00
39 T	Methylcyclohexane	50.000	48.799	2.4	85	0.00
40 TM	Benzene	50.000	49.729	0.5	91	0.00
41 T	Methacrylonitrile	50.000	44.745	10.5	79	0.01
42 TM	1,2-Dichloroethane	50.000	49.984	0.0	91	0.00
43 T	Isopropyl Acetate	50.000	42.601	14.8	74	0.00
44 TM	Trichloroethene	50.000	53.337	-6.7	99	0.00
45 C	1,2-Dichloropropane	50.000	48.110	3.8#	87	0.00
46 T	Dibromomethane	50.000	50.616	-1.2	91	0.00
47 T	Bromodichloromethane	50.000	52.337	-4.7	97	0.00
48 T	Methyl methacrylate	50.000	43.797	12.4	74	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1040.324	-4.0	91	0.00
50 S	Toluene-d8	50.000	50.274	-0.5	88	0.00
51 T	4-Methyl-2-Pentanone	250.000	211.053	15.6	71	0.00
52 CM	Toluene	50.000	50.353	-0.7#	91	0.00
53 T	t-1,3-Dichloropropene	50.000	50.658	-1.3	90	0.00
54 T	cis-1,3-Dichloropropene	50.000	52.069	-4.1	94	0.00
55 T	1,1,2-Trichloroethane	50.000	52.277	-4.6	96	0.00
56 T	Ethyl methacrylate	50.000	51.076	-2.2	85	0.00
57 T	1,3-Dichloropropane	50.000	49.661	0.7	88	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	222.551	11.0	80	0.00
59 T	2-Hexanone	250.000	218.668	12.5	72	0.00
60 T	Dibromochloromethane	50.000	54.442	-8.9	98	0.00
61 T	1,2-Dibromoethane	50.000	52.235	-4.5	92	0.00
62 S	4-Bromofluorobenzene	50.000	51.285	-2.6	89	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	87	0.00
64 T	Tetrachloroethene	50.000	54.209	-8.4	98	0.00
65 PM	Chlorobenzene	50.000	51.406	-2.8	93	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	54.825	-9.7	98	0.00
67 C	Ethyl Benzene	50.000	50.664	-1.3#	89	0.00
68 T	m/p-Xylenes	100.000	105.081	-5.1	93	0.00
69 T	o-Xylene	50.000	53.594	-7.2	93	0.00
70 T	Styrene	50.000	53.881	-7.8	93	0.00
71 P	Bromoform	50.000	56.118	-12.2	97	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	86	0.00
73 T	Isopropylbenzene	50.000	52.747	-5.5	91	0.00
74 T	N-amyl acetate	50.000	42.608	14.8	71	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	47.573	4.9	82	0.00
76 T	1,2,3-Trichloropropane	50.000	42.621	14.8	74	0.00
77 T	Bromobenzene	50.000	55.721	-11.4	96	0.00
78 T	n-propylbenzene	50.000	50.625	-1.3	86	0.00
79 T	2-Chlorotoluene	50.000	51.674	-3.3	89	0.00
80 T	1,3,5-Trimethylbenzene	50.000	52.692	-5.4	90	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	47.945	4.1	81	0.00
82 T	4-Chlorotoluene	50.000	50.971	-1.9	89	0.00
83 T	tert-Butylbenzene	50.000	54.102	-8.2	92	0.00
84 T	1,2,4-Trimethylbenzene	50.000	54.862	-9.7	93	0.00
85 T	sec-Butylbenzene	50.000	51.855	-3.7	89	0.00
86 T	p-Isopropyltoluene	50.000	53.408	-6.8	91	0.00
87 T	1,3-Dichlorobenzene	50.000	53.847	-7.7	96	0.00
88 T	1,4-Dichlorobenzene	50.000	52.981	-6.0	94	0.00
89 T	n-Butylbenzene	50.000	50.282	-0.6	86	0.00
90 T	Hexachloroethane	50.000	51.151	-2.3	92	0.00
91 T	1,2-Dichlorobenzene	50.000	53.453	-6.9	95	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	47.030	5.9	79	0.00
93 T	1,2,4-Trichlorobenzene	50.000	54.631	-9.3	94	0.00
94 T	Hexachlorobutadiene	50.000	56.288	-12.6	100	0.00
95 T	Naphthalene	50.000	46.865	6.3	86	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	53.942	-7.9	94	0.00

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