

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083123\
 Data File : VY015391.D
 Acq On : 31 Aug 2023 09:41
 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: Sep 01 00:42:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 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	45.143	9.7	78	0.00
3 P	Chloromethane	50.000	51.565	-3.1	88	0.00
4 C	Vinyl Chloride	50.000	47.636	4.7#	82	0.00
5 T	Bromomethane	50.000	50.313	-0.6	87	0.00
6 T	Chloroethane	50.000	50.499	-1.0	88	0.00
7 T	Trichlorofluoromethane	50.000	45.748	8.5	80	0.00
8 T	Diethyl Ether	50.000	52.584	-5.2	89	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	45.754	8.5	79	0.00
10 T	Methyl Iodide	50.000	49.224	1.6	80	0.00
11 T	Tert butyl alcohol	250.000	281.486	-12.6	100	0.02
12 CM	1,1-Dichloroethene	50.000	48.003	4.0#	84	0.00
13 T	Acrolein	250.000	318.640	-27.5#	99	0.01
14 T	Allyl chloride	50.000	51.934	-3.9	88	0.00
15 T	Acrylonitrile	250.000	291.128	-16.5	95	0.00
16 T	Acetone	250.000	367.178	-46.9#	107	0.02
17 T	Carbon Disulfide	50.000	48.512	3.0	84	0.00
18 T	Methyl Acetate	50.000	57.076	-14.2	93	0.01
19 T	Methyl tert-butyl Ether	50.000	52.812	-5.6	88	0.00
20 T	Methylene Chloride	50.000	42.930	14.1	79	0.01
21 T	trans-1,2-Dichloroethene	50.000	50.111	-0.2	86	0.00
22 T	Diisopropyl ether	50.000	52.145	-4.3	89	0.00
23 T	Vinyl Acetate	250.000	280.328	-12.1	93	0.00
24 P	1,1-Dichloroethane	50.000	50.038	-0.1	88	0.01
25 T	2-Butanone	250.000	335.577	-34.2#	103	0.01
26 T	2,2-Dichloropropane	50.000	51.827	-3.7	91	0.01
27 T	cis-1,2-Dichloroethene	50.000	51.490	-3.0	88	0.00
28 T	Bromochloromethane	50.000	51.905	-3.8	93	0.00
29 T	Tetrahydrofuran	250.000	295.388	-18.2	95	0.00
30 C	Chloroform	50.000	50.833	-1.7#	89	0.00
31 T	Cyclohexane	50.000	44.126	11.7	80	0.00
32 T	1,1,1-Trichloroethane	50.000	48.393	3.2	84	0.01
33 S	1,2-Dichloroethane-d4	50.000	51.549	-3.1	93	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	94	0.00
35 S	Dibromofluoromethane	50.000	51.994	-4.0	95	0.00
36 T	1,1-Dichloropropene	50.000	45.973	8.1	84	0.00
37 T	Ethyl Acetate	50.000	57.517	-15.0	97	0.01
38 T	Carbon Tetrachloride	50.000	45.939	8.1	83	0.00
39 T	Methylcyclohexane	50.000	44.049	11.9	79	0.00
40 TM	Benzene	50.000	48.636	2.7	87	0.01
41 T	Methacrylonitrile	50.000	56.203	-12.4	94	0.00
42 TM	1,2-Dichloroethane	50.000	48.994	2.0	86	0.00
43 T	Isopropyl Acetate	50.000	54.554	-9.1	92	0.00
44 TM	Trichloroethene	50.000	48.115	3.8	87	0.00
45 C	1,2-Dichloropropane	50.000	50.317	-0.6#	89	0.00
46 T	Dibromomethane	50.000	50.597	-1.2	89	0.01
47 T	Bromodichloromethane	50.000	50.302	-0.6	89	0.00
48 T	Methyl methacrylate	50.000	53.697	-7.4	90	0.00

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

49 T	1,4-Dioxane	1000.000	1130.071	-13.0	95	0.02
50 S	Toluene-d8	50.000	48.881	2.2	92	0.00
51 T	4-Methyl-2-Pentanone	250.000	290.344	-16.1	96	0.00
52 CM	Toluene	50.000	48.419	3.2#	86	0.00
53 T	t-1,3-Dichloropropene	50.000	52.206	-4.4	90	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.292	-2.6	90	0.00
55 T	1,1,2-Trichloroethane	50.000	51.491	-3.0	90	0.00
56 T	Ethyl methacrylate	50.000	53.680	-7.4	90	0.00
57 T	1,3-Dichloropropane	50.000	51.246	-2.5	90	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	273.857	-9.5	100	0.00
59 T	2-Hexanone	250.000	315.748	-26.3#	102	0.00
60 T	Dibromochloromethane	50.000	52.222	-4.4	91	0.00
61 T	1,2-Dibromoethane	50.000	52.640	-5.3	91	0.00
62 S	4-Bromofluorobenzene	50.000	50.022	-0.0	93	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	95	0.00
64 T	Tetrachloroethene	50.000	47.527	4.9	86	0.00
65 PM	Chlorobenzene	50.000	47.788	4.4	88	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	48.481	3.0	89	0.00
67 C	Ethyl Benzene	50.000	47.158	5.7#	87	0.00
68 T	m/p-Xylenes	100.000	94.715	5.3	87	0.00
69 T	o-Xylene	50.000	47.671	4.7	87	0.00
70 T	Styrene	50.000	49.054	1.9	87	0.00
71 P	Bromoform	50.000	53.960	-7.9	91	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	94	0.00
73 T	Isopropylbenzene	50.000	46.111	7.8	85	0.00
74 T	N-amyl acetate	50.000	54.953	-9.9	93	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	53.432	-6.9	95	0.00
76 T	1,2,3-Trichloropropane	50.000	56.470	-12.9	99	0.00
77 T	Bromobenzene	50.000	48.301	3.4	89	0.00
78 T	n-propylbenzene	50.000	47.066	5.9	85	0.00
79 T	2-Chlorotoluene	50.000	47.689	4.6	87	0.00
80 T	1,3,5-Trimethylbenzene	50.000	46.851	6.3	85	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	56.149	-12.3	98	0.00
82 T	4-Chlorotoluene	50.000	47.966	4.1	87	0.00
83 T	tert-Butylbenzene	50.000	45.588	8.8	83	0.00
84 T	1,2,4-Trimethylbenzene	50.000	47.787	4.4	87	0.00
85 T	sec-Butylbenzene	50.000	46.171	7.7	84	0.00
86 T	p-Isopropyltoluene	50.000	46.498	7.0	84	0.00
87 T	1,3-Dichlorobenzene	50.000	47.901	4.2	88	0.00
88 T	1,4-Dichlorobenzene	50.000	47.887	4.2	88	0.00
89 T	n-Butylbenzene	50.000	47.090	5.8	86	0.00
90 T	Hexachloroethane	50.000	48.533	2.9	88	0.00
91 T	1,2-Dichlorobenzene	50.000	49.025	2.0	89	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	55.724	-11.4	95	0.00
93 T	1,2,4-Trichlorobenzene	50.000	50.142	-0.3	89	0.00
94 T	Hexachlorobutadiene	50.000	46.187	7.6	87	0.00
95 T	Naphthalene	50.000	55.271	-10.5	94	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.787	-1.6	92	0.00

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