

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091523\
 Data File : VY015583.D
 Acq On : 15 Sep 2023 20:33
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 18 09:23:38 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	37.539	24.9	65	0.00
3 P	Chloromethane	50.000	46.948	6.1	80	0.00
4 C	Vinyl Chloride	50.000	44.959	10.1#	77	0.00
5 T	Bromomethane	50.000	48.966	2.1	85	0.01
6 T	Chloroethane	50.000	49.300	1.4	86	0.00
7 T	Trichlorofluoromethane	50.000	47.673	4.7	83	0.00
8 T	Diethyl Ether	50.000	57.450	-14.9	97	0.01
9 T	1,1,2-Trichlorotrifluoroeth	50.000	50.309	-0.6	87	0.00
10 T	Methyl Iodide	50.000	46.201	7.6	75	0.00
11 T	Tert butyl alcohol	250.000	265.638	-6.3	95	0.04
12 CM	1,1-Dichloroethene	50.000	51.341	-2.7#	89	0.00
13 T	Acrolein	250.000	146.463	41.4#	44	0.02
14 T	Allyl chloride	50.000	56.421	-12.8	96	0.00
15 T	Acrylonitrile	250.000	337.166	-34.9#	109	0.00
16 T	Acetone	250.000	330.689	-32.3#	97	0.02
17 T	Carbon Disulfide	50.000	50.120	-0.2	86	0.00
18 T	Methyl Acetate	50.000	74.303	-48.6#	121	0.02
19 T	Methyl tert-butyl Ether	50.000	58.413	-16.8	97	0.02
20 T	Methylene Chloride	50.000	62.611	-25.2#	108	0.01
21 T	trans-1,2-Dichloroethene	50.000	53.883	-7.8	93	0.01
22 T	Diisopropyl ether	50.000	57.652	-15.3	99	0.01
23 T	Vinyl Acetate	250.000	281.435	-12.6	93	0.01
24 P	1,1-Dichloroethane	50.000	55.683	-11.4	98	0.02
25 T	2-Butanone	250.000	339.833	-35.9#	105	0.01
26 T	2,2-Dichloropropane	50.000	49.910	0.2	87	0.01
27 T	cis-1,2-Dichloroethene	50.000	56.132	-12.3	96	0.01
28 T	Bromochloromethane	50.000	45.927	8.1	83	0.01
29 T	Tetrahydrofuran	250.000	347.805	-39.1#	111	0.00
30 C	Chloroform	50.000	56.089	-12.2#	98	0.01
31 T	Cyclohexane	50.000	48.486	3.0	88	0.00
32 T	1,1,1-Trichloroethane	50.000	53.414	-6.8	92	0.01
33 S	1,2-Dichloroethane-d4	50.000	48.997	2.0	89	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	95	0.00
35 S	Dibromofluoromethane	50.000	49.734	0.5	92	0.00
36 T	1,1-Dichloropropene	50.000	50.924	-1.8	93	0.00
37 T	Ethyl Acetate	50.000	64.293	-28.6#	109	0.02
38 T	Carbon Tetrachloride	50.000	50.033	-0.1	91	0.00
39 T	Methylcyclohexane	50.000	48.751	2.5	88	0.00
40 TM	Benzene	50.000	52.929	-5.9	95	0.01
41 T	Methacrylonitrile	50.000	191.927	-283.9#	323	0.04
42 TM	1,2-Dichloroethane	50.000	53.459	-6.9	94	0.00
43 T	Isopropyl Acetate	50.000	60.816	-21.6	103	0.01
44 TM	Trichloroethene	50.000	54.043	-8.1	98	0.00
45 C	1,2-Dichloropropane	50.000	54.982	-10.0#	98	0.00
46 T	Dibromomethane	50.000	55.583	-11.2	99	0.01
47 T	Bromodichloromethane	50.000	55.234	-10.5	98	0.00
48 T	Methyl methacrylate	50.000	60.387	-20.8	101	0.00

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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)

49 T	1,4-Dioxane	1000.000	1382.414	-38.2#	117	0.02
50 S	Toluene-d8	50.000	45.159	9.7	86	0.00
51 T	4-Methyl-2-Pentanone	250.000	333.929	-33.6#	111	0.00
52 CM	Toluene	50.000	53.729	-7.5#	96	0.00
53 T	t-1,3-Dichloropropene	50.000	55.862	-11.7	97	0.00
54 T	cis-1,3-Dichloropropene	50.000	55.160	-10.3	97	0.00
55 T	1,1,2-Trichloroethane	50.000	56.957	-13.9	100	0.00
56 T	Ethyl methacrylate	50.000	60.244	-20.5	102	0.00
57 T	1,3-Dichloropropane	50.000	56.901	-13.8	100	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	238.367	4.7	87	0.00
59 T	2-Hexanone	250.000	343.776	-37.5#	111	0.00
60 T	Dibromochloromethane	50.000	57.653	-15.3	101	0.00
61 T	1,2-Dibromoethane	50.000	58.710	-17.4	102	0.00
62 S	4-Bromofluorobenzene	50.000	48.934	2.1	92	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	95	0.00
64 T	Tetrachloroethene	50.000	58.824	-17.6	106	0.00
65 PM	Chlorobenzene	50.000	52.312	-4.6	96	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	54.055	-8.1	98	0.00
67 C	Ethyl Benzene	50.000	52.277	-4.6#	96	0.00
68 T	m/p-Xylenes	100.000	104.689	-4.7	96	0.00
69 T	o-Xylene	50.000	53.221	-6.4	97	0.00
70 T	Styrene	50.000	54.240	-8.5	96	0.00
71 P	Bromoform	50.000	59.467	-18.9	100	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	95	0.00
73 T	Isopropylbenzene	50.000	50.553	-1.1	94	0.00
74 T	N-amyl acetate	50.000	58.826	-17.7	101	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	57.134	-14.3	103	0.00
76 T	1,2,3-Trichloropropane	50.000	105.418	-110.8#	186	0.00
77 T	Bromobenzene	50.000	51.766	-3.5	96	0.00
78 T	n-propylbenzene	50.000	50.748	-1.5	93	0.00
79 T	2-Chlorotoluene	50.000	51.100	-2.2	95	0.00
80 T	1,3,5-Trimethylbenzene	50.000	50.745	-1.5	93	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	59.565	-19.1	105	0.00
82 T	4-Chlorotoluene	50.000	51.723	-3.4	95	0.00
83 T	tert-Butylbenzene	50.000	49.396	1.2	91	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.490	-3.0	94	0.00
85 T	sec-Butylbenzene	50.000	50.280	-0.6	93	0.00
86 T	p-Isopropyltoluene	50.000	50.572	-1.1	92	0.00
87 T	1,3-Dichlorobenzene	50.000	51.853	-3.7	96	0.00
88 T	1,4-Dichlorobenzene	50.000	51.308	-2.6	96	0.00
89 T	n-Butylbenzene	50.000	50.128	-0.3	92	0.00
90 T	Hexachloroethane	50.000	52.526	-5.1	97	0.00
91 T	1,2-Dichlorobenzene	50.000	52.765	-5.5	96	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	62.257	-24.5	108	0.00
93 T	1,2,4-Trichlorobenzene	50.000	52.490	-5.0	94	0.00
94 T	Hexachlorobutadiene	50.000	47.553	4.9	90	0.00
95 T	Naphthalene	50.000	60.475	-21.0	104	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	54.095	-8.2	99	0.00

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