

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072424\
 Data File : VY018910.D
 Acq On : 24 Jul 2024 16:39
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 25 01:30:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 09 14:28:51 2024
 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	76	0.03
2 T	Dichlorodifluoromethane	50.000	37.848	24.3	54	0.00
3 P	Chloromethane	50.000	42.475	15.0	63	0.00
4 C	Vinyl Chloride	50.000	45.333	9.3#	66	0.00
5 T	Bromomethane	50.000	46.956	6.1	76	0.00
6 T	Chloroethane	50.000	46.462	7.1	71	0.00
7 T	Trichlorofluoromethane	50.000	49.024	2.0	70	0.01
8 T	Diethyl Ether	50.000	53.892	-7.8	81	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	51.302	-2.6	73	0.00
10 T	Methyl Iodide	50.000	52.978	-6.0	72	0.01
11 T	Tert butyl alcohol	250.000	179.989	28.0#	73	0.00
12 CM	1,1-Dichloroethene	50.000	49.112	1.8#	73	0.00
13 T	Acrolein	250.000	105.215	57.9#	35	0.00
14 T	Allyl chloride	50.000	51.891	-3.8	78	0.00
15 T	Acrylonitrile	250.000	270.461	-8.2	81	0.01
16 T	Acetone	250.000	267.673	-7.1	83	0.00
17 T	Carbon Disulfide	50.000	46.205	7.6	67	0.00
18 T	Methyl Acetate	50.000	53.052	-6.1	87	0.00
19 T	Methyl tert-butyl Ether	50.000	52.478	-5.0	78	0.00
20 T	Methylene Chloride	50.000	61.454	-22.9	88	0.00
21 T	trans-1,2-Dichloroethene	50.000	50.933	-1.9	75	0.02
22 T	Diisopropyl ether	50.000	51.053	-2.1	78	0.01
23 T	Vinyl Acetate	250.000	256.690	-2.7	75	0.01
24 P	1,1-Dichloroethane	50.000	52.172	-4.3	79	0.01
25 T	2-Butanone	250.000	260.347	-4.1	79	0.02
26 T	2,2-Dichloropropane	50.000	49.586	0.8	75	0.02
27 T	cis-1,2-Dichloroethene	50.000	51.416	-2.8	79	0.02
28 T	Bromochloromethane	50.000	50.800	-1.6	77	0.02
29 T	Tetrahydrofuran	250.000	268.994	-7.6	79	0.02
30 C	Chloroform	50.000	51.222	-2.4#	78	0.03
31 T	Cyclohexane	50.000	44.628	10.7	68	0.03
32 T	1,1,1-Trichloroethane	50.000	51.858	-3.7	75	0.04
33 S	1,2-Dichloroethane-d4	50.000	50.118	-0.2	72	0.04
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	77	0.05
35 S	Dibromofluoromethane	50.000	53.433	-6.9	74	0.04
36 T	1,1-Dichloropropene	50.000	49.339	1.3	71	0.03
37 T	Ethyl Acetate	50.000	53.979	-8.0	76	0.00
38 T	Carbon Tetrachloride	50.000	50.300	-0.6	71	0.04
39 T	Methylcyclohexane	50.000	49.712	0.6	70	0.05
40 TM	Benzene	50.000	52.253	-4.5	78	0.04
41 T	Methacrylonitrile	50.000	47.778	4.4	76	-0.01
42 TM	1,2-Dichloroethane	50.000	53.248	-6.5	79	0.04
43 T	Isopropyl Acetate	50.000	51.730	-3.5	76	0.04
44 TM	Trichloroethene	50.000	53.088	-6.2	79	0.05
45 C	1,2-Dichloropropane	50.000	53.602	-7.2#	80	0.05
46 T	Dibromomethane	50.000	54.489	-9.0	78	0.05
47 T	Bromodichloromethane	50.000	54.832	-9.7	80	0.05
48 T	Methyl methacrylate	50.000	52.813	-5.6	77	0.05

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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	1085.315	-8.5	78	0.05
50 S	Toluene-d8	50.000	49.786	0.4	69	0.07
51 T	4-Methyl-2-Pentanone	250.000	270.135	-8.1	77	0.06
52 CM	Toluene	50.000	49.777	0.4#	74	0.06
53 T	t-1,3-Dichloropropene	50.000	54.458	-8.9	80	0.07
54 T	cis-1,3-Dichloropropene	50.000	54.285	-8.6	79	0.06
55 T	1,1,2-Trichloroethane	50.000	54.467	-8.9	81	0.07
56 T	Ethyl methacrylate	50.000	52.504	-5.0	76	0.07
57 T	1,3-Dichloropropane	50.000	53.192	-6.4	78	0.07
58 T	2-Chloroethyl Vinyl ether	250.000	267.220	-6.9	72	0.05
59 T	2-Hexanone	250.000	262.115	-4.8	74	0.07
60 T	Dibromochloromethane	50.000	55.336	-10.7	81	0.07
61 T	1,2-Dibromoethane	50.000	53.303	-6.6	76	0.08
62 S	4-Bromofluorobenzene	50.000	51.052	-2.1	73	0.10
63 I	Chlorobenzene-d5	50.000	50.000	0.0	77	0.09
64 T	Tetrachloroethene	50.000	53.900	-7.8	78	0.07
65 PM	Chlorobenzene	50.000	53.053	-6.1	79	0.08
66 T	1,1,1,2-Tetrachloroethane	50.000	54.577	-9.2	81	0.08
67 C	Ethyl Benzene	50.000	51.162	-2.3#	76	0.09
68 T	m/p-Xylenes	100.000	41.656	58.3#	31	-0.02
69 T	o-Xylene	50.000	51.062	-2.1	75	0.09
70 T	Styrene	50.000	52.478	-5.0	77	0.09
71 P	Bromoform	50.000	58.752	-17.5	84	0.09
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	80	0.12
73 T	Isopropylbenzene	50.000	50.215	-0.4	75	0.09
74 T	N-amyl acetate	50.000	49.922	0.2	71	0.09
75 P	1,1,2,2-Tetrachloroethane	50.000	51.550	-3.1	78	0.10
76 T	1,2,3-Trichloropropane	50.000	53.640	-7.3	87	0.10
77 T	Bromobenzene	50.000	51.066	-2.1	78	0.10
78 T	n-propylbenzene	50.000	48.582	2.8	73	0.10
79 T	2-Chlorotoluene	50.000	49.430	1.1	76	0.10
80 T	1,3,5-Trimethylbenzene	50.000	49.666	0.7	75	0.11
81 T	trans-1,4-Dichloro-2-butene	50.000	51.763	-3.5	74	0.10
82 T	4-Chlorotoluene	50.000	49.017	2.0	75	0.11
83 T	tert-Butylbenzene	50.000	49.433	1.1	75	0.11
84 T	1,2,4-Trimethylbenzene	50.000	48.769	2.5	74	0.11
85 T	sec-Butylbenzene	50.000	50.108	-0.2	74	0.11
86 T	p-Isopropyltoluene	50.000	49.641	0.7	74	0.12
87 T	1,3-Dichlorobenzene	50.000	50.761	-1.5	77	0.12
88 T	1,4-Dichlorobenzene	50.000	49.714	0.6	77	0.12
89 T	n-Butylbenzene	50.000	48.339	3.3	71	0.12
90 T	Hexachloroethane	50.000	51.429	-2.9	77	0.13
91 T	1,2-Dichlorobenzene	50.000	49.899	0.2	77	0.12
92 T	1,2-Dibromo-3-Chloropropane	50.000	48.916	2.2	69	0.13
93 T	1,2,4-Trichlorobenzene	50.000	51.760	-3.5	75	0.15
94 T	Hexachlorobutadiene	50.000	50.883	-1.8	72	0.16
95 T	Naphthalene	50.000	50.828	-1.7	72	0.16

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.117	-2.2	74	0.18

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