

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072524\
 Data File : VY018912.D
 Acq On : 25 Jul 2024 11:04
 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: Jul 26 03:32:54 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	85	0.03
2 T	Dichlorodifluoromethane	50.000	42.337	15.3	67	0.00
3 P	Chloromethane	50.000	40.264	19.5	67	0.00
4 C	Vinyl Chloride	50.000	42.085	15.8#	68	0.00
5 T	Bromomethane	50.000	46.922	6.2	84	0.00
6 T	Chloroethane	50.000	46.042	7.9	78	0.00
7 T	Trichlorofluoromethane	50.000	46.543	6.9	74	0.01
8 T	Diethyl Ether	50.000	49.940	0.1	83	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	47.435	5.1	75	0.00
10 T	Methyl Iodide	50.000	51.121	-2.2	78	0.00
11 T	Tert butyl alcohol	250.000	176.330	29.5#	80	0.00
12 CM	1,1-Dichloroethene	50.000	48.128	3.7#	80	0.00
13 T	Acrolein	250.000	100.291	59.9#	37	0.00
14 T	Allyl chloride	50.000	48.614	2.8	81	0.00
15 T	Acrylonitrile	250.000	255.982	-2.4	85	0.01
16 T	Acetone	250.000	272.462	-9.0	94	0.00
17 T	Carbon Disulfide	50.000	41.050	17.9	66	0.00
18 T	Methyl Acetate	50.000	47.372	5.3	87	0.00
19 T	Methyl tert-butyl Ether	50.000	50.978	-2.0	84	0.00
20 T	Methylene Chloride	50.000	54.575	-9.2	88	0.00
21 T	trans-1,2-Dichloroethene	50.000	47.061	5.9	77	0.01
22 T	Diisopropyl ether	50.000	48.741	2.5	83	0.01
23 T	Vinyl Acetate	250.000	253.107	-1.2	82	0.00
24 P	1,1-Dichloroethane	50.000	48.940	2.1	83	0.00
25 T	2-Butanone	250.000	259.380	-3.8	88	0.02
26 T	2,2-Dichloropropane	50.000	49.538	0.9	83	0.02
27 T	cis-1,2-Dichloroethene	50.000	49.814	0.4	85	0.02
28 T	Bromochloromethane	50.000	52.234	-4.5	89	0.02
29 T	Tetrahydrofuran	250.000	260.288	-4.1	85	0.02
30 C	Chloroform	50.000	51.022	-2.0#	86	0.03
31 T	Cyclohexane	50.000	42.349	15.3	72	0.03
32 T	1,1,1-Trichloroethane	50.000	50.684	-1.4	82	0.03
33 S	1,2-Dichloroethane-d4	50.000	45.945	8.1	74	0.04
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	84	0.04
35 S	Dibromofluoromethane	50.000	50.054	-0.1	77	0.03
36 T	1,1-Dichloropropene	50.000	48.360	3.3	77	0.04
37 T	Ethyl Acetate	50.000	52.788	-5.6	82	0.01
38 T	Carbon Tetrachloride	50.000	50.323	-0.6	78	0.03
39 T	Methylcyclohexane	50.000	47.143	5.7	73	0.05
40 TM	Benzene	50.000	51.127	-2.3	83	0.04
41 T	Methacrylonitrile	50.000	50.307	-0.6	88	0.00
42 TM	1,2-Dichloroethane	50.000	51.806	-3.6	84	0.03
43 T	Isopropyl Acetate	50.000	51.533	-3.1	83	0.04
44 TM	Trichloroethene	50.000	50.797	-1.6	83	0.05
45 C	1,2-Dichloropropane	50.000	50.645	-1.3#	83	0.05
46 T	Dibromomethane	50.000	52.613	-5.2	83	0.05
47 T	Bromodichloromethane	50.000	54.816	-9.6	88	0.05
48 T	Methyl methacrylate	50.000	50.028	-0.1	80	0.05

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1041.136	-4.1	82	0.05
50 S	Toluene-d8	50.000	45.957	8.1	70	0.06
51 T	4-Methyl-2-Pentanone	250.000	267.661	-7.1	84	0.06
52 CM	Toluene	50.000	50.704	-1.4#	82	0.06
53 T	t-1,3-Dichloropropene	50.000	53.351	-6.7	86	0.07
54 T	cis-1,3-Dichloropropene	50.000	53.045	-6.1	84	0.05
55 T	1,1,2-Trichloroethane	50.000	54.558	-9.1	89	0.06
56 T	Ethyl methacrylate	50.000	53.583	-7.2	85	0.07
57 T	1,3-Dichloropropane	50.000	52.363	-4.7	84	0.07
58 T	2-Chloroethyl Vinyl ether	250.000	268.539	-7.4	80	0.05
59 T	2-Hexanone	250.000	274.535	-9.8	85	0.07
60 T	Dibromochloromethane	50.000	55.848	-11.7	89	0.07
61 T	1,2-Dibromoethane	50.000	52.300	-4.6	82	0.07
62 S	4-Bromofluorobenzene	50.000	47.099	5.8	74	0.10
63 I	Chlorobenzene-d5	50.000	50.000	0.0	86	0.08
64 T	Tetrachloroethene	50.000	51.630	-3.3	83	0.07
65 PM	Chlorobenzene	50.000	50.839	-1.7	84	0.07
66 T	1,1,1,2-Tetrachloroethane	50.000	54.236	-8.5	90	0.08
67 C	Ethyl Benzene	50.000	49.957	0.1#	83	0.08
68 T	m/p-Xylenes	100.000	99.947	0.1	82	0.09
69 T	o-Xylene	50.000	51.344	-2.7	84	0.09
70 T	Styrene	50.000	52.373	-4.7	86	0.09
71 P	Bromoform	50.000	56.158	-12.3	90	0.09
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	89	0.12
73 T	Isopropylbenzene	50.000	50.140	-0.3	83	0.09
74 T	N-ethyl acetate	50.000	50.325	-0.7	79	0.09
75 P	1,1,2,2-Tetrachloroethane	50.000	49.834	0.3	84	0.10
76 T	1,2,3-Trichloropropane	50.000	49.362	1.3	89	0.10
77 T	Bromobenzene	50.000	50.507	-1.0	86	0.10
78 T	n-propylbenzene	50.000	48.244	3.5	80	0.10
79 T	2-Chlorotoluene	50.000	48.650	2.7	83	0.10
80 T	1,3,5-Trimethylbenzene	50.000	50.145	-0.3	84	0.10
81 T	trans-1,4-Dichloro-2-butene	50.000	52.206	-4.4	83	0.09
82 T	4-Chlorotoluene	50.000	47.271	5.5	80	0.00
83 T	tert-Butylbenzene	50.000	49.954	0.1	84	0.11
84 T	1,2,4-Trimethylbenzene	50.000	49.225	1.5	83	0.11
85 T	sec-Butylbenzene	50.000	48.838	2.3	79	0.11
86 T	p-Isopropyltoluene	50.000	49.843	0.3	83	0.11
87 T	1,3-Dichlorobenzene	50.000	50.383	-0.8	85	0.12
88 T	1,4-Dichlorobenzene	50.000	49.080	1.8	84	0.12
89 T	n-Butylbenzene	50.000	48.917	2.2	80	0.12
90 T	Hexachloroethane	50.000	51.650	-3.3	85	0.13
91 T	1,2-Dichlorobenzene	50.000	50.048	-0.1	85	0.12
92 T	1,2-Dibromo-3-Chloropropane	50.000	50.034	-0.1	78	0.13
93 T	1,2,4-Trichlorobenzene	50.000	51.220	-2.4	82	0.15
94 T	Hexachlorobutadiene	50.000	53.978	-8.0	85	0.16
95 T	Naphthalene	50.000	49.862	0.3	78	0.16

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	49.637	0.7	80	0.18

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