

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010524\
 Data File : VY016925.D
 Acq On : 05 Jan 2024 16:57
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jan 05 22:37:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 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	86	0.02
2 T	Dichlorodifluoromethane	50.000	42.521	15.0	72	0.00
3 P	Chloromethane	50.000	55.343	-10.7	93	0.00
4 C	Vinyl Chloride	50.000	51.437	-2.9#	85	0.00
5 T	Bromomethane	50.000	53.627	-7.3	94	0.01
6 T	Chloroethane	50.000	52.312	-4.6	87	0.01
7 T	Trichlorofluoromethane	50.000	46.404	7.2	77	0.01
8 T	Diethyl Ether	50.000	49.454	1.1	80	0.02
9 T	1,1,2-Trichlorotrifluoroeth	50.000	45.582	8.8	77	0.02
10 T	Methyl Iodide	50.000	49.495	1.0	76	0.02
11 T	Tert butyl alcohol	250.000	245.596	1.8	81	0.04
12 CM	1,1-Dichloroethene	50.000	49.472	1.1#	82	0.02
13 T	Acrolein	250.000	159.310	36.3#	56	0.02
14 T	Allyl chloride	50.000	50.706	-1.4	82	0.02
15 T	Acrylonitrile	250.000	253.064	-1.2	84	0.02
16 T	Acetone	250.000	193.367	22.7	66	0.02
17 T	Carbon Disulfide	50.000	50.807	-1.6	79	0.02
18 T	Methyl Acetate	50.000	61.517	-23.0	91	0.02
19 T	Methyl tert-butyl Ether	50.000	51.613	-3.2	83	0.02
20 T	Methylene Chloride	50.000	47.584	4.8	79	0.02
21 T	trans-1,2-Dichloroethene	50.000	50.775	-1.5	82	0.02
22 T	Diisopropyl ether	50.000	52.771	-5.5	83	0.02
23 T	Vinyl Acetate	250.000	235.241	5.9	77	0.02
24 P	1,1-Dichloroethane	50.000	52.321	-4.6	85	0.02
25 T	2-Butanone	250.000	229.004	8.4	75	0.02
26 T	2,2-Dichloropropane	50.000	43.530	12.9	72	0.02
27 T	cis-1,2-Dichloroethene	50.000	52.164	-4.3	85	0.02
28 T	Bromochloromethane	50.000	58.503	-17.0	88	0.02
29 T	Tetrahydrofuran	250.000	256.154	-2.5	83	0.02
30 C	Chloroform	50.000	51.864	-3.7#	85	0.02
31 T	Cyclohexane	50.000	46.693	6.6	78	0.01
32 T	1,1,1-Trichloroethane	50.000	50.808	-1.6	83	0.02
33 S	1,2-Dichloroethane-d4	50.000	45.056	9.9	76	0.02
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	92	0.01
35 S	Dibromofluoromethane	50.000	42.597	14.8	76	0.02
36 T	1,1-Dichloropropene	50.000	47.697	4.6	82	0.02
37 T	Ethyl Acetate	50.000	47.343	5.3	82	0.02
38 T	Carbon Tetrachloride	50.000	46.312	7.4	80	0.01
39 T	Methylcyclohexane	50.000	46.383	7.2	76	0.02
40 TM	Benzene	50.000	49.205	1.6	85	0.02
41 T	Methacrylonitrile	50.000	52.615	-5.2	100	0.02
42 TM	1,2-Dichloroethane	50.000	48.523	3.0	85	0.01
43 T	Isopropyl Acetate	50.000	47.711	4.6	83	0.02
44 TM	Trichloroethene	50.000	48.051	3.9	83	0.02
45 C	1,2-Dichloropropane	50.000	49.291	1.4#	85	0.01
46 T	Dibromomethane	50.000	48.903	2.2	85	0.02
47 T	Bromodichloromethane	50.000	47.878	4.2	84	0.01
48 T	Methyl methacrylate	50.000	49.700	0.6	83	0.01

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	970.455	3.0	86	0.02
50 S	Toluene-d8	50.000	44.098	11.8	76	0.01
51 T	4-Methyl-2-Pentanone	250.000	250.765	-0.3	84	0.01
52 CM	Toluene	50.000	49.347	1.3#	84	0.02
53 T	t-1,3-Dichloropropene	50.000	46.786	6.4	79	0.02
54 T	cis-1,3-Dichloropropene	50.000	47.442	5.1	81	0.01
55 T	1,1,2-Trichloroethane	50.000	47.954	4.1	84	0.01
56 T	Ethyl methacrylate	50.000	50.421	-0.8	84	0.01
57 T	1,3-Dichloropropane	50.000	48.746	2.5	85	0.01
58 T	2-Chloroethyl Vinyl ether	250.000	251.582	-0.6	90	0.02
59 T	2-Hexanone	250.000	222.871	10.9	79	0.01
60 T	Dibromochloromethane	50.000	47.398	5.2	82	0.01
61 T	1,2-Dibromoethane	50.000	48.972	2.1	83	0.01
62 S	4-Bromofluorobenzene	50.000	42.202	15.6	75	0.01
63 I	Chlorobenzene-d5	50.000	50.000	0.0	93	0.01
64 T	Tetrachloroethene	50.000	51.453	-2.9	90	0.02
65 PM	Chlorobenzene	50.000	48.116	3.8	84	0.01
66 T	1,1,1,2-Tetrachloroethane	50.000	47.359	5.3	82	0.01
67 C	Ethyl Benzene	50.000	49.202	1.6#	82	0.01
68 T	m/p-Xylenes	100.000	97.841	2.2	81	0.01
69 T	o-Xylene	50.000	50.525	-1.0	84	0.01
70 T	Styrene	50.000	50.349	-0.7	82	0.01
71 P	Bromoform	50.000	47.749	4.5	81	0.01
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	87	0.01
73 T	Isopropylbenzene	50.000	51.556	-3.1	82	0.01
74 T	N-ethyl acetate	50.000	51.301	-2.6	82	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	48.884	2.2	83	0.00
76 T	1,2,3-Trichloropropane	50.000	54.243	-8.5	81	0.01
77 T	Bromobenzene	50.000	48.731	2.5	81	0.01
78 T	n-propylbenzene	50.000	50.373	-0.7	80	0.01
79 T	2-Chlorotoluene	50.000	49.766	0.5	81	0.01
80 T	1,3,5-Trimethylbenzene	50.000	50.447	-0.9	80	0.01
81 T	trans-1,4-Dichloro-2-butene	50.000	45.709	8.6	77	0.01
82 T	4-Chlorotoluene	50.000	50.063	-0.1	82	0.01
83 T	tert-Butylbenzene	50.000	50.874	-1.7	82	0.00
84 T	1,2,4-Trimethylbenzene	50.000	50.853	-1.7	81	0.01
85 T	sec-Butylbenzene	50.000	48.914	2.2	78	0.00
86 T	p-Isopropyltoluene	50.000	48.852	2.3	77	0.00
87 T	1,3-Dichlorobenzene	50.000	48.173	3.7	79	0.01
88 T	1,4-Dichlorobenzene	50.000	47.225	5.5	79	0.01
89 T	n-Butylbenzene	50.000	47.068	5.9	74	0.01
90 T	Hexachloroethane	50.000	47.657	4.7	79	0.01
91 T	1,2-Dichlorobenzene	50.000	47.869	4.3	79	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	49.199	1.6	86	0.00
93 T	1,2,4-Trichlorobenzene	50.000	47.806	4.4	75	0.00
94 T	Hexachlorobutadiene	50.000	40.362	19.3	66	0.00
95 T	Naphthalene	50.000	53.489	-7.0	85	0.01

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	48.814	2.4	77	0.01

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