

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101024\
 Data File : VY019860.D
 Acq On : 10 Oct 2024 17:37
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 11 01:46:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 10 05:30:07 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	0.00
2 T	Dichlorodifluoromethane	50.000	49.568	0.9	87	0.00
3 P	Chloromethane	50.000	53.608	-7.2	91	0.00
4 C	Vinyl Chloride	50.000	53.014	-6.0#	89	0.00
5 T	Bromomethane	50.000	53.203	-6.4	90	0.00
6 T	Chloroethane	50.000	51.928	-3.9	88	0.00
7 T	Trichlorofluoromethane	50.000	51.532	-3.1	88	0.00
8 T	Diethyl Ether	50.000	51.762	-3.5	86	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	52.002	-4.0	89	0.01
10 T	Methyl Iodide	50.000	52.836	-5.7	84	0.00
11 T	Tert butyl alcohol	250.000	219.778	12.1	76	0.01
12 CM	1,1-Dichloroethene	50.000	52.001	-4.0#	88	0.00
13 T	Acrolein	250.000	244.316	2.3	96	0.00
14 T	Allyl chloride	50.000	52.961	-5.9	88	0.00
15 T	Acrylonitrile	250.000	264.783	-5.9	88	0.00
16 T	Acetone	250.000	235.365	5.9	77	0.00
17 T	Carbon Disulfide	50.000	54.042	-8.1	87	0.00
18 T	Methyl Acetate	50.000	54.240	-8.5	92	0.01
19 T	Methyl tert-butyl Ether	50.000	51.523	-3.0	87	0.00
20 T	Methylene Chloride	50.000	49.818	0.4	90	0.00
21 T	trans-1,2-Dichloroethene	50.000	53.430	-6.9	89	0.01
22 T	Diisopropyl ether	50.000	53.539	-7.1	90	0.00
23 T	Vinyl Acetate	250.000	218.266	12.7	72	0.00
24 P	1,1-Dichloroethane	50.000	52.951	-5.9	89	0.00
25 T	2-Butanone	250.000	247.812	0.9	83	0.01
26 T	2,2-Dichloropropane	50.000	49.798	0.4	86	0.00
27 T	cis-1,2-Dichloroethene	50.000	52.285	-4.6	88	0.00
28 T	Bromochloromethane	50.000	51.941	-3.9	87	0.00
29 T	Tetrahydrofuran	250.000	259.960	-4.0	86	0.00
30 C	Chloroform	50.000	53.074	-6.1#	89	0.00
31 T	Cyclohexane	50.000	50.648	-1.3	89	0.00
32 T	1,1,1-Trichloroethane	50.000	52.740	-5.5	89	0.00
33 S	1,2-Dichloroethane-d4	50.000	54.763	-9.5	100	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	86	0.00
35 S	Dibromofluoromethane	50.000	55.930	-11.9	99	0.00
36 T	1,1-Dichloropropene	50.000	53.655	-7.3	89	0.00
37 T	Ethyl Acetate	50.000	52.411	-4.8	87	0.00
38 T	Carbon Tetrachloride	50.000	53.196	-6.4	89	0.00
39 T	Methylcyclohexane	50.000	52.202	-4.4	86	0.00
40 TM	Benzene	50.000	53.493	-7.0	89	0.00
41 T	Methacrylonitrile	50.000	53.692	-7.4	80	0.00
42 TM	1,2-Dichloroethane	50.000	53.214	-6.4	88	0.00
43 T	Isopropyl Acetate	50.000	51.269	-2.5	85	0.00
44 TM	Trichloroethene	50.000	52.947	-5.9	87	0.00
45 C	1,2-Dichloropropane	50.000	52.785	-5.6#	90	0.00
46 T	Dibromomethane	50.000	52.565	-5.1	88	0.00
47 T	Bromodichloromethane	50.000	53.072	-6.1	88	0.00
48 T	Methyl methacrylate	50.000	55.264	-10.5	89	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1011.572	-1.2	81	0.00
50 S	Toluene-d8	50.000	55.765	-11.5	99	0.00
51 T	4-Methyl-2-Pentanone	250.000	261.898	-4.8	87	0.00
52 CM	Toluene	50.000	53.904	-7.8#	89	0.00
53 T	t-1,3-Dichloropropene	50.000	52.546	-5.1	86	0.00
54 T	cis-1,3-Dichloropropene	50.000	52.653	-5.3	87	0.00
55 T	1,1,2-Trichloroethane	50.000	52.201	-4.4	87	0.00
56 T	Ethyl methacrylate	50.000	54.552	-9.1	87	0.00
57 T	1,3-Dichloropropane	50.000	52.590	-5.2	87	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	259.117	-3.6	91	0.00
59 T	2-Hexanone	250.000	260.175	-4.1	84	0.00
60 T	Dibromochloromethane	50.000	52.419	-4.8	88	0.00
61 T	1,2-Dibromoethane	50.000	52.832	-5.7	87	0.00
62 S	4-Bromofluorobenzene	50.000	54.408	-8.8	97	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	87	0.00
64 T	Tetrachloroethene	50.000	51.223	-2.4	86	0.00
65 PM	Chlorobenzene	50.000	51.983	-4.0	88	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	52.007	-4.0	88	0.00
67 C	Ethyl Benzene	50.000	52.371	-4.7#	88	0.00
68 T	m/p-Xylenes	100.000	104.401	-4.4	88	0.00
69 T	o-Xylene	50.000	51.771	-3.5	86	0.00
70 T	Styrene	50.000	52.421	-4.8	87	0.00
71 P	Bromoform	50.000	50.222	-0.4	82	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	86	0.00
73 T	Isopropylbenzene	50.000	51.140	-2.3	87	0.00
74 T	N-amyl acetate	50.000	51.173	-2.3	84	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	52.161	-4.3	88	0.00
76 T	1,2,3-Trichloropropane	50.000	49.611	0.8	45	0.00
77 T	Bromobenzene	50.000	50.530	-1.1	85	0.00
78 T	n-propylbenzene	50.000	50.926	-1.9	85	0.00
79 T	2-Chlorotoluene	50.000	51.001	-2.0	86	0.00
80 T	1,3,5-Trimethylbenzene	50.000	50.283	-0.6	85	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	49.670	0.7	83	0.00
82 T	4-Chlorotoluene	50.000	50.636	-1.3	86	0.00
83 T	tert-Butylbenzene	50.000	50.170	-0.3	85	0.00
84 T	1,2,4-Trimethylbenzene	50.000	50.422	-0.8	84	0.00
85 T	sec-Butylbenzene	50.000	50.565	-1.1	84	0.00
86 T	p-Isopropyltoluene	50.000	49.785	0.4	83	0.00
87 T	1,3-Dichlorobenzene	50.000	49.597	0.8	85	0.00
88 T	1,4-Dichlorobenzene	50.000	49.307	1.4	83	0.00
89 T	n-Butylbenzene	50.000	49.731	0.5	81	0.00
90 T	Hexachloroethane	50.000	49.570	0.9	83	0.00
91 T	1,2-Dichlorobenzene	50.000	49.584	0.8	84	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	47.906	4.2	81	0.00
93 T	1,2,4-Trichlorobenzene	50.000	46.656	6.7	74	0.00
94 T	Hexachlorobutadiene	50.000	46.756	6.5	75	0.00
95 T	Naphthalene	50.000	49.462	1.1	77	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	46.606	6.8	73	0.00

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