

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060624\
 Data File : VY018517.D
 Acq On : 06 Jun 2024 20:07
 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: Jun 07 02:32:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 07:11:56 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	65	0.00
2 T	Dichlorodifluoromethane	50.000	40.484	19.0	62	0.00
3 P	Chloromethane	50.000	66.521	-33.0#	96	0.00
4 C	Vinyl Chloride	50.000	64.532	-29.1#	92	0.00
5 T	Bromomethane	50.000	60.664	-21.3	89	0.00
6 T	Chloroethane	50.000	68.240	-36.5#	94	0.00
7 T	Trichlorofluoromethane	50.000	57.865	-15.7	83	0.00
8 T	Diethyl Ether	50.000	56.444	-12.9	79	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	50.597	-1.2	74	0.00
10 T	Methyl Iodide	50.000	54.626	-9.3	73	0.00
11 T	Tert butyl alcohol	250.000	221.511	11.4	63	0.00
12 CM	1,1-Dichloroethene	50.000	49.558	0.9#	71	0.00
13 T	Acrolein	250.000	266.747	-6.7	52	0.00
14 T	Allyl chloride	50.000	60.009	-20.0	81	0.00
15 T	Acrylonitrile	250.000	330.166	-32.1#	87	0.00
16 T	Acetone	250.000	274.997	-10.0	67	0.00
17 T	Carbon Disulfide	50.000	49.332	1.3	72	0.00
18 T	Methyl Acetate	50.000	66.533	-33.1#	95	0.00
19 T	Methyl tert-butyl Ether	50.000	61.843	-23.7	83	0.00
20 T	Methylene Chloride	50.000	69.091	-38.2#	94	0.00
21 T	trans-1,2-Dichloroethene	50.000	54.424	-8.8	75	0.00
22 T	Diisopropyl ether	50.000	68.368	-36.7#	90	0.00
23 T	Vinyl Acetate	250.000	343.549	-37.4#	88	0.00
24 P	1,1-Dichloroethane	50.000	62.243	-24.5	85	0.00
25 T	2-Butanone	250.000	319.038	-27.6#	78	0.00
26 T	2,2-Dichloropropane	50.000	49.088	1.8	69	0.00
27 T	cis-1,2-Dichloroethene	50.000	59.321	-18.6	81	0.00
28 T	Bromochloromethane	50.000	57.204	-14.4	72	0.00
29 T	Tetrahydrofuran	250.000	348.904	-39.6#	92	0.00
30 C	Chloroform	50.000	62.281	-24.6#	85	0.00
31 T	Cyclohexane	50.000	55.241	-10.5	78	0.00
32 T	1,1,1-Trichloroethane	50.000	58.115	-16.2	80	0.00
33 S	1,2-Dichloroethane-d4	50.000	55.763	-11.5	74	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	64	0.00
35 S	Dibromofluoromethane	50.000	51.127	-2.3	69	0.00
36 T	1,1-Dichloropropene	50.000	56.142	-12.3	80	0.00
37 T	Ethyl Acetate	50.000	65.732	-31.5#	91	0.00
38 T	Carbon Tetrachloride	50.000	52.994	-6.0	78	0.00
39 T	Methylcyclohexane	50.000	52.132	-4.3	77	0.00
40 TM	Benzene	50.000	58.337	-16.7	82	0.00
41 T	Methacrylonitrile	50.000	77.624	-55.2#	104	0.00
42 TM	1,2-Dichloroethane	50.000	64.071	-28.1#	89	0.00
43 T	Isopropyl Acetate	50.000	66.949	-33.9#	88	0.00
44 TM	Trichloroethene	50.000	54.152	-8.3	78	0.00
45 C	1,2-Dichloropropane	50.000	61.464	-22.9#	84	0.00
46 T	Dibromomethane	50.000	60.197	-20.4	84	0.00
47 T	Bromodichloromethane	50.000	60.006	-20.0	83	0.00
48 T	Methyl methacrylate	50.000	65.456	-30.9#	88	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)

49 T	1,4-Dioxane	1000.000	1274.055	-27.4#	91	-0.01
50 S	Toluene-d8	50.000	50.710	-1.4	68	0.00
51 T	4-Methyl-2-Pentanone	250.000	351.574	-40.6#	90	0.00
52 CM	Toluene	50.000	59.421	-18.8#	80	0.00
53 T	t-1,3-Dichloropropene	50.000	62.017	-24.0	82	0.00
54 T	cis-1,3-Dichloropropene	50.000	58.783	-17.6	81	0.00
55 T	1,1,2-Trichloroethane	50.000	63.068	-26.1#	83	0.00
56 T	Ethyl methacrylate	50.000	65.930	-31.9#	85	0.00
57 T	1,3-Dichloropropane	50.000	65.775	-31.6#	87	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	314.555	-25.8#	77	0.00
59 T	2-Hexanone	250.000	345.741	-38.3#	85	0.00
60 T	Dibromochloromethane	50.000	60.795	-21.6	83	0.00
61 T	1,2-Dibromoethane	50.000	59.313	-18.6	80	0.00
62 S	4-Bromofluorobenzene	50.000	52.547	-5.1	70	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	68	0.00
64 T	Tetrachloroethene	50.000	50.795	-1.6	83	0.00
65 PM	Chlorobenzene	50.000	52.994	-6.0	80	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	54.285	-8.6	84	0.00
67 C	Ethyl Benzene	50.000	54.813	-9.6#	83	0.00
68 T	m/p-Xylenes	100.000	109.186	-9.2	82	0.00
69 T	o-Xylene	50.000	53.847	-7.7	83	0.00
70 T	Styrene	50.000	57.509	-15.0	85	0.00
71 P	Bromoform	50.000	53.007	-6.0	80	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	76	0.00
73 T	Isopropylbenzene	50.000	49.862	0.3	84	0.00
74 T	N-amyl acetate	50.000	59.246	-18.5	95	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	55.271	-10.5	90	0.00
76 T	1,2,3-Trichloropropane	50.000	53.927	-7.9	93	0.00
77 T	Bromobenzene	50.000	48.496	3.0	82	0.00
78 T	n-propylbenzene	50.000	51.069	-2.1	87	0.00
79 T	2-Chlorotoluene	50.000	51.601	-3.2	89	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.099	-2.2	87	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	49.117	1.8	78	0.00
82 T	4-Chlorotoluene	50.000	52.598	-5.2	94	0.00
83 T	tert-Butylbenzene	50.000	49.922	0.2	84	0.00
84 T	1,2,4-Trimethylbenzene	50.000	52.941	-5.9	93	0.00
85 T	sec-Butylbenzene	50.000	51.284	-2.6	90	0.00
86 T	p-Isopropyltoluene	50.000	51.766	-3.5	90	0.00
87 T	1,3-Dichlorobenzene	50.000	51.370	-2.7	87	0.00
88 T	1,4-Dichlorobenzene	50.000	51.155	-2.3	88	0.00
89 T	n-Butylbenzene	50.000	53.023	-6.0	96	0.00
90 T	Hexachloroethane	50.000	50.467	-0.9	89	0.00
91 T	1,2-Dichlorobenzene	50.000	53.587	-7.2	91	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	50.835	-1.7	95	0.00
93 T	1,2,4-Trichlorobenzene	50.000	47.500	5.0	84	0.00
94 T	Hexachlorobutadiene	50.000	44.259	11.5	82	0.00
95 T	Naphthalene	50.000	55.005	-10.0	90	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.510	-3.0	90	0.00

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