

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060624\
 Data File : VY018500.D
 Acq On : 06 Jun 2024 12:16
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 07 04:14:55 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	81	0.00
2 T	Dichlorodifluoromethane	50.000	45.736	8.5	86	0.00
3 P	Chloromethane	50.000	58.659	-17.3	105	0.00
4 C	Vinyl Chloride	50.000	58.040	-16.1#	102	0.00
5 T	Bromomethane	50.000	53.101	-6.2	96	0.00
6 T	Chloroethane	50.000	57.742	-15.5	98	0.00
7 T	Trichlorofluoromethane	50.000	52.861	-5.7	93	0.00
8 T	Diethyl Ether	50.000	49.535	0.9	85	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	51.084	-2.2	92	0.00
10 T	Methyl Iodide	50.000	54.247	-8.5	89	0.00
11 T	Tert butyl alcohol	250.000	142.662	42.9#	59	0.02
12 CM	1,1-Dichloroethene	50.000	49.674	0.7#	88	0.00
13 T	Acrolein	250.000	275.269	-10.1	67	0.00
14 T	Allyl chloride	50.000	52.522	-5.0	87	0.00
15 T	Acrylonitrile	250.000	245.842	1.7	80	0.00
16 T	Acetone	250.000	363.904	-45.6#	109	0.00
17 T	Carbon Disulfide	50.000	52.372	-4.7	94	0.00
18 T	Methyl Acetate	50.000	48.370	3.3	85	0.00
19 T	Methyl tert-butyl Ether	50.000	50.820	-1.6	84	0.00
20 T	Methylene Chloride	50.000	52.368	-4.7	92	0.00
21 T	trans-1,2-Dichloroethene	50.000	50.396	-0.8	86	0.00
22 T	Diisopropyl ether	50.000	54.917	-9.8	90	0.00
23 T	Vinyl Acetate	250.000	274.888	-10.0	87	0.00
24 P	1,1-Dichloroethane	50.000	52.210	-4.4	88	0.00
25 T	2-Butanone	250.000	309.114	-23.6	93	0.00
26 T	2,2-Dichloropropane	50.000	49.322	1.4	85	0.00
27 T	cis-1,2-Dichloroethene	50.000	50.005	-0.0	84	0.00
28 T	Bromochloromethane	50.000	54.444	-8.9	85	0.00
29 T	Tetrahydrofuran	250.000	257.586	-3.0	84	0.00
30 C	Chloroform	50.000	51.177	-2.4#	86	0.00
31 T	Cyclohexane	50.000	52.888	-5.8	92	0.00
32 T	1,1,1-Trichloroethane	50.000	51.410	-2.8	87	0.00
33 S	1,2-Dichloroethane-d4	50.000	51.103	-2.2	84	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	79	0.00
35 S	Dibromofluoromethane	50.000	49.379	1.2	82	0.00
36 T	1,1-Dichloropropene	50.000	51.541	-3.1	90	0.00
37 T	Ethyl Acetate	50.000	49.642	0.7	85	0.00
38 T	Carbon Tetrachloride	50.000	48.392	3.2	88	0.00
39 T	Methylcyclohexane	50.000	51.505	-3.0	94	0.00
40 TM	Benzene	50.000	50.460	-0.9	87	0.00
41 T	Methacrylonitrile	50.000	50.165	-0.3	83	0.00
42 TM	1,2-Dichloroethane	50.000	50.702	-1.4	87	0.00
43 T	Isopropyl Acetate	50.000	50.432	-0.9	81	0.00
44 TM	Trichloroethene	50.000	48.255	3.5	86	0.00
45 C	1,2-Dichloropropane	50.000	50.083	-0.2#	85	0.00
46 T	Dibromomethane	50.000	50.767	-1.5	87	0.00
47 T	Bromodichloromethane	50.000	49.997	0.0	85	0.00
48 T	Methyl methacrylate	50.000	50.524	-1.0	84	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	992.982	0.7	87	-0.01
50 S	Toluene-d8	50.000	49.387	1.2	82	0.00
51 T	4-Methyl-2-Pentanone	250.000	260.524	-4.2	82	0.00
52 CM	Toluene	50.000	52.120	-4.2#	87	0.00
53 T	t-1,3-Dichloropropene	50.000	52.406	-4.8	86	0.00
54 T	cis-1,3-Dichloropropene	50.000	50.077	-0.2	85	0.00
55 T	1,1,2-Trichloroethane	50.000	49.801	0.4	81	0.00
56 T	Ethyl methacrylate	50.000	53.612	-7.2	85	0.00
57 T	1,3-Dichloropropane	50.000	51.592	-3.2	84	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	274.593	-9.8	83	0.00
59 T	2-Hexanone	250.000	309.479	-23.8	94	0.00
60 T	Dibromochloromethane	50.000	48.409	3.2	82	0.00
61 T	1,2-Dibromoethane	50.000	49.403	1.2	82	0.00
62 S	4-Bromofluorobenzene	50.000	50.793	-1.6	84	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	78	0.00
64 T	Tetrachloroethene	50.000	46.982	6.0	88	0.00
65 PM	Chlorobenzene	50.000	49.380	1.2	86	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	47.790	4.4	84	0.00
67 C	Ethyl Benzene	50.000	51.802	-3.6#	90	0.00
68 T	m/p-Xylenes	100.000	102.430	-2.4	89	0.00
69 T	o-Xylene	50.000	49.835	0.3	89	0.00
70 T	Styrene	50.000	51.607	-3.2	88	0.00
71 P	Bromoform	50.000	45.502	9.0	78	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	85	0.00
73 T	Isopropylbenzene	50.000	49.115	1.8	92	0.00
74 T	N-amyl acetate	50.000	49.419	1.2	88	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	47.064	5.9	85	0.00
76 T	1,2,3-Trichloropropane	50.000	45.380	9.2	88	0.00
77 T	Bromobenzene	50.000	45.970	8.1	86	0.00
78 T	n-propylbenzene	50.000	49.761	0.5	95	0.00
79 T	2-Chlorotoluene	50.000	48.772	2.5	93	0.00
80 T	1,3,5-Trimethylbenzene	50.000	49.102	1.8	93	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	44.701	10.6	79	0.00
82 T	4-Chlorotoluene	50.000	49.427	1.1	99	0.00
83 T	tert-Butylbenzene	50.000	48.445	3.1	91	0.00
84 T	1,2,4-Trimethylbenzene	50.000	50.891	-1.8	100	0.00
85 T	sec-Butylbenzene	50.000	49.831	0.3	98	0.00
86 T	p-Isopropyltoluene	50.000	50.881	-1.8	98	0.00
87 T	1,3-Dichlorobenzene	50.000	49.296	1.4	93	0.00
88 T	1,4-Dichlorobenzene	50.000	49.369	1.3	95	0.00
89 T	n-Butylbenzene	50.000	52.596	-5.2	106	0.00
90 T	Hexachloroethane	50.000	47.908	4.2	94	0.00
91 T	1,2-Dichlorobenzene	50.000	48.195	3.6	91	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	44.138	11.7	92	0.00
93 T	1,2,4-Trichlorobenzene	50.000	47.359	5.3	93	0.00
94 T	Hexachlorobutadiene	50.000	44.307	11.4	92	0.00
95 T	Naphthalene	50.000	48.406	3.2	89	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	46.573	6.9	91	0.00

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