

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071624\
 Data File : VY018824.D
 Acq On : 16 Jul 2024 10:32
 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 17 01:50:39 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	87	0.00
2 T	Dichlorodifluoromethane	50.000	49.211	1.6	80	0.00
3 P	Chloromethane	50.000	50.689	-1.4	86	0.00
4 C	Vinyl Chloride	50.000	49.496	1.0#	82	0.00
5 T	Bromomethane	50.000	47.414	5.2	87	-0.01
6 T	Chloroethane	50.000	47.140	5.7	83	0.00
7 T	Trichlorofluoromethane	50.000	53.290	-6.6	87	0.00
8 T	Diethyl Ether	50.000	53.147	-6.3	91	-0.01
9 T	1,1,2-Trichlorotrifluoroeth	50.000	50.558	-1.1	82	-0.01
10 T	Methyl Iodide	50.000	53.901	-7.8	84	0.00
11 T	Tert butyl alcohol	250.000	175.589	29.8#	82	0.00
12 CM	1,1-Dichloroethene	50.000	49.895	0.2#	85	0.00
13 T	Acrolein	250.000	179.275	28.3#	68	-0.01
14 T	Allyl chloride	50.000	49.385	1.2	85	0.00
15 T	Acrylonitrile	250.000	274.159	-9.7	94	0.00
16 T	Acetone	250.000	290.372	-16.1	103	0.00
17 T	Carbon Disulfide	50.000	48.684	2.6	81	0.00
18 T	Methyl Acetate	50.000	52.223	-4.4	98	0.00
19 T	Methyl tert-butyl Ether	50.000	54.249	-8.5	92	0.00
20 T	Methylene Chloride	50.000	55.217	-10.4	91	-0.01
21 T	trans-1,2-Dichloroethene	50.000	51.720	-3.4	87	0.00
22 T	Diisopropyl ether	50.000	51.490	-3.0	90	0.00
23 T	Vinyl Acetate	250.000	264.563	-5.8	88	0.00
24 P	1,1-Dichloroethane	50.000	51.080	-2.2	89	0.00
25 T	2-Butanone	250.000	277.967	-11.2	97	0.00
26 T	2,2-Dichloropropane	50.000	48.204	3.6	83	0.00
27 T	cis-1,2-Dichloroethene	50.000	52.049	-4.1	91	0.00
28 T	Bromochloromethane	50.000	52.878	-5.8	92	0.00
29 T	Tetrahydrofuran	250.000	261.629	-4.7	88	0.00
30 C	Chloroform	50.000	52.753	-5.5#	92	0.00
31 T	Cyclohexane	50.000	47.307	5.4	83	0.00
32 T	1,1,1-Trichloroethane	50.000	52.622	-5.2	88	0.00
33 S	1,2-Dichloroethane-d4	50.000	48.326	3.3	80	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	87	0.00
35 S	Dibromofluoromethane	50.000	50.666	-1.3	80	0.00
36 T	1,1-Dichloropropene	50.000	50.559	-1.1	83	0.00
37 T	Ethyl Acetate	50.000	54.350	-8.7	87	0.00
38 T	Carbon Tetrachloride	50.000	52.656	-5.3	84	0.00
39 T	Methylcyclohexane	50.000	52.264	-4.5	84	0.00
40 TM	Benzene	50.000	52.713	-5.4	89	0.00
41 T	Methacrylonitrile	50.000	56.925	-13.8	103	-0.02
42 TM	1,2-Dichloroethane	50.000	53.634	-7.3	90	0.00
43 T	Isopropyl Acetate	50.000	54.191	-8.4	90	0.00
44 TM	Trichloroethene	50.000	52.587	-5.2	89	0.00
45 C	1,2-Dichloropropane	50.000	53.166	-6.3#	90	0.00
46 T	Dibromomethane	50.000	57.019	-14.0	93	0.00
47 T	Bromodichloromethane	50.000	55.210	-10.4	92	0.00
48 T	Methyl methacrylate	50.000	56.281	-12.6	93	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1056.247	-5.6	87	0.00
50 S	Toluene-d8	50.000	48.003	4.0	76	0.00
51 T	4-Methyl-2-Pentanone	250.000	274.028	-9.6	89	0.00
52 CM	Toluene	50.000	52.840	-5.7#	89	0.00
53 T	t-1,3-Dichloropropene	50.000	56.163	-12.3	94	0.00
54 T	cis-1,3-Dichloropropene	50.000	54.600	-9.2	90	0.00
55 T	1,1,2-Trichloroethane	50.000	54.780	-9.6	92	0.00
56 T	Ethyl methacrylate	50.000	55.306	-10.6	91	0.00
57 T	1,3-Dichloropropane	50.000	56.159	-12.3	94	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	285.281	-14.1	88	0.00
59 T	2-Hexanone	250.000	288.314	-15.3	93	0.00
60 T	Dibromochloromethane	50.000	57.553	-15.1	95	0.00
61 T	1,2-Dibromoethane	50.000	57.172	-14.3	93	0.00
62 S	4-Bromofluorobenzene	50.000	48.044	3.9	78	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	91	0.00
64 T	Tetrachloroethene	50.000	49.875	0.3	84	0.00
65 PM	Chlorobenzene	50.000	52.969	-5.9	92	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	53.620	-7.2	93	0.00
67 C	Ethyl Benzene	50.000	52.503	-5.0#	91	0.00
68 T	m/p-Xylenes	100.000	104.163	-4.2	90	0.00
69 T	o-Xylene	50.000	53.521	-7.0	92	0.00
70 T	Styrene	50.000	53.841	-7.7	93	0.00
71 P	Bromoform	50.000	58.167	-16.3	98	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	96	0.00
73 T	Isopropylbenzene	50.000	49.061	1.9	88	0.00
74 T	N-ethyl acetate	50.000	51.914	-3.8	89	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	51.202	-2.4	94	0.00
76 T	1,2,3-Trichloropropane	50.000	57.932	-15.9	114	0.00
77 T	Bromobenzene	50.000	51.204	-2.4	95	0.00
78 T	n-propylbenzene	50.000	49.263	1.5	89	0.00
79 T	2-Chlorotoluene	50.000	49.224	1.6	91	0.00
80 T	1,3,5-Trimethylbenzene	50.000	50.235	-0.5	91	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	52.422	-4.8	90	0.00
82 T	4-Chlorotoluene	50.000	49.339	1.3	91	0.00
83 T	tert-Butylbenzene	50.000	49.296	1.4	90	0.00
84 T	1,2,4-Trimethylbenzene	50.000	50.323	-0.6	93	0.00
85 T	sec-Butylbenzene	50.000	50.163	-0.3	89	0.00
86 T	p-Isopropyltoluene	50.000	50.779	-1.6	92	0.00
87 T	1,3-Dichlorobenzene	50.000	50.902	-1.8	93	0.00
88 T	1,4-Dichlorobenzene	50.000	50.418	-0.8	94	0.00
89 T	n-Butylbenzene	50.000	49.982	0.0	89	0.00
90 T	Hexachloroethane	50.000	51.365	-2.7	92	0.00
91 T	1,2-Dichlorobenzene	50.000	51.810	-3.6	96	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	49.075	1.8	83	0.00
93 T	1,2,4-Trichlorobenzene	50.000	55.473	-10.9	97	0.00
94 T	Hexachlorobutadiene	50.000	53.725	-7.5	92	0.00
95 T	Naphthalene	50.000	56.918	-13.8	97	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	55.338	-10.7	97	0.00

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