

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042624\
 Data File : VY018054.D
 Acq On : 26 Apr 2024 10:49
 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: Apr 27 01:04:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:24:42 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	103	0.00
2 T	Dichlorodifluoromethane	50.000	64.801	-29.6#	137	0.00
3 P	Chloromethane	50.000	46.305	7.4	101	0.00
4 C	Vinyl Chloride	50.000	46.552	6.9#	95	0.00
5 T	Bromomethane	50.000	48.296	3.4	99	0.00
6 T	Chloroethane	50.000	44.810	10.4	93	0.00
7 T	Trichlorofluoromethane	50.000	51.967	-3.9	106	0.00
8 T	Diethyl Ether	50.000	52.865	-5.7	108	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	53.962	-7.9	110	0.00
10 T	Methyl Iodide	50.000	51.928	-3.9	103	0.00
11 T	Tert butyl alcohol	250.000	258.867	-3.5	105	0.00
12 CM	1,1-Dichloroethene	50.000	56.125	-12.3#	114	0.00
13 T	Acrolein	250.000	237.625	5.0	100	0.00
14 T	Allyl chloride	50.000	55.309	-10.6	110	0.00
15 T	Acrylonitrile	250.000	260.009	-4.0	105	0.00
16 T	Acetone	250.000	336.778	-34.7#	133	0.00
17 T	Carbon Disulfide	50.000	56.451	-12.9	116	0.00
18 T	Methyl Acetate	50.000	47.620	4.8	104	0.00
19 T	Methyl tert-butyl Ether	50.000	53.712	-7.4	106	0.00
20 T	Methylene Chloride	50.000	51.950	-3.9	111	0.00
21 T	trans-1,2-Dichloroethene	50.000	55.355	-10.7	112	0.00
22 T	Diisopropyl ether	50.000	53.428	-6.9	105	0.00
23 T	Vinyl Acetate	250.000	270.728	-8.3	105	0.00
24 P	1,1-Dichloroethane	50.000	52.565	-5.1	106	0.00
25 T	2-Butanone	250.000	309.204	-23.7	121	0.00
26 T	2,2-Dichloropropane	50.000	55.793	-11.6	111	0.00
27 T	cis-1,2-Dichloroethene	50.000	54.690	-9.4	109	0.00
28 T	Bromochloromethane	50.000	48.052	3.9	97	0.00
29 T	Tetrahydrofuran	250.000	266.206	-6.5	106	0.00
30 C	Chloroform	50.000	51.799	-3.6#	106	0.00
31 T	Cyclohexane	50.000	54.225	-8.5	111	0.00
32 T	1,1,1-Trichloroethane	50.000	54.093	-8.2	108	0.00
33 S	1,2-Dichloroethane-d4	50.000	42.296	15.4	83	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	102	0.00
35 S	Dibromofluoromethane	50.000	45.944	8.1	87	0.00
36 T	1,1-Dichloropropene	50.000	55.497	-11.0	107	0.00
37 T	Ethyl Acetate	50.000	53.843	-7.7	105	0.00
38 T	Carbon Tetrachloride	50.000	57.438	-14.9	111	0.00
39 T	Methylcyclohexane	50.000	59.115	-18.2	111	0.00
40 TM	Benzene	50.000	55.506	-11.0	108	0.00
41 T	Methacrylonitrile	50.000	54.378	-8.8	105	-0.02
42 TM	1,2-Dichloroethane	50.000	51.894	-3.8	102	0.00
43 T	Isopropyl Acetate	50.000	53.517	-7.0	103	0.00
44 TM	Trichloroethene	50.000	57.923	-15.8	113	0.00
45 C	1,2-Dichloropropane	50.000	54.002	-8.0#	105	0.00
46 T	Dibromomethane	50.000	53.665	-7.3	105	0.00
47 T	Bromodichloromethane	50.000	53.584	-7.2	104	0.00
48 T	Methyl methacrylate	50.000	54.517	-9.0	103	0.00

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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)

49 T	1,4-Dioxane	1000.000	1021.761	-2.2	97	0.00
50 S	Toluene-d8	50.000	47.779	4.4	88	0.00
51 T	4-Methyl-2-Pentanone	250.000	279.005	-11.6	106	0.00
52 CM	Toluene	50.000	57.470	-14.9#	110	0.00
53 T	t-1,3-Dichloropropene	50.000	56.331	-12.7	107	0.00
54 T	cis-1,3-Dichloropropene	50.000	55.689	-11.4	106	0.00
55 T	1,1,2-Trichloroethane	50.000	53.969	-7.9	105	0.00
56 T	Ethyl methacrylate	50.000	57.136	-14.3	106	0.00
57 T	1,3-Dichloropropane	50.000	54.758	-9.5	106	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	215.598	13.8	83	0.00
59 T	2-Hexanone	250.000	326.239	-30.5#	120	0.00
60 T	Dibromochloromethane	50.000	55.988	-12.0	108	0.00
61 T	1,2-Dibromoethane	50.000	55.293	-10.6	107	0.00
62 S	4-Bromofluorobenzene	50.000	47.871	4.3	88	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	101	0.00
64 T	Tetrachloroethene	50.000	59.313	-18.6	114	0.00
65 PM	Chlorobenzene	50.000	56.640	-13.3	110	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	56.406	-12.8	110	0.00
67 C	Ethyl Benzene	50.000	58.132	-16.3#	109	0.00
68 T	m/p-Xylenes	100.000	116.789	-16.8	110	0.00
69 T	o-Xylene	50.000	58.308	-16.6	109	0.00
70 T	Styrene	50.000	58.814	-17.6	108	0.00
71 P	Bromoform	50.000	57.057	-14.1	109	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	102	0.00
73 T	Isopropylbenzene	50.000	57.661	-15.3	110	0.00
74 T	N-amyl acetate	50.000	54.964	-9.9	105	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	51.993	-4.0	104	0.00
76 T	1,2,3-Trichloropropane	50.000	52.593	-5.2	105	0.00
77 T	Bromobenzene	50.000	56.843	-13.7	110	0.00
78 T	n-propylbenzene	50.000	56.585	-13.2	107	0.00
79 T	2-Chlorotoluene	50.000	55.740	-11.5	108	0.00
80 T	1,3,5-Trimethylbenzene	50.000	57.235	-14.5	108	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	53.496	-7.0	103	0.00
82 T	4-Chlorotoluene	50.000	54.978	-10.0	106	0.00
83 T	tert-Butylbenzene	50.000	58.182	-16.4	109	0.00
84 T	1,2,4-Trimethylbenzene	50.000	57.489	-15.0	108	0.00
85 T	sec-Butylbenzene	50.000	56.586	-13.2	107	0.00
86 T	p-Isopropyltoluene	50.000	57.936	-15.9	108	0.00
87 T	1,3-Dichlorobenzene	50.000	55.978	-12.0	109	0.00
88 T	1,4-Dichlorobenzene	50.000	55.209	-10.4	109	0.00
89 T	n-Butylbenzene	50.000	56.474	-12.9	105	0.00
90 T	Hexachloroethane	50.000	55.612	-11.2	109	0.00
91 T	1,2-Dichlorobenzene	50.000	55.715	-11.4	108	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	51.430	-2.9	102	0.00
93 T	1,2,4-Trichlorobenzene	50.000	56.934	-13.9	111	0.00
94 T	Hexachlorobutadiene	50.000	55.564	-11.1	109	0.00
95 T	Naphthalene	50.000	58.519	-17.0	110	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	56.547	-13.1	109	0.00

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