

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062422\
 Data File : VY009314.D
 Acq On : 24 Jun 2022 17:58
 Operator : KP/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY062422

Quant Time: Jun 25 07:09:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062422S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 25 07:08:46 2022
 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	100	0.00
2 T	Dichlorodifluoromethane	50.000	45.162	9.7	104	0.00
3 P	Chloromethane	50.000	47.873	4.3	105	0.00
4 C	Vinyl Chloride	50.000	47.776	4.4#	105	0.00
5 T	Bromomethane	50.000	44.702	10.6	106	0.00
6 T	Chloroethane	50.000	50.762	-1.5	110	0.00
7 T	Trichlorofluoromethane	50.000	47.661	4.7	105	-0.01
8 T	Diethyl Ether	50.000	51.679	-3.4	103	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.845	0.3	107	0.00
10 T	Methyl Iodide	50.000	47.464	5.1	96	0.00
11 T	Tert butyl alcohol	250.000	209.270	16.3	94	0.00
12 CM	1,1-Dichloroethene	50.000	49.195	1.6#	104	0.00
13 T	Acrolein	250.000	222.981	10.8	89	0.00
14 T	Allyl chloride	50.000	50.462	-0.9	103	0.00
15 T	Acrylonitrile	250.000	250.426	-0.2	102	0.00
16 T	Acetone	250.000	220.892	11.6	91	0.00
17 T	Carbon Disulfide	50.000	48.919	2.2	103	0.00
18 T	Methyl Acetate	50.000	46.968	6.1	102	0.00
19 T	Methyl tert-butyl Ether	50.000	50.338	-0.7	101	0.00
20 T	Methylene Chloride	50.000	50.089	-0.2	103	0.00
21 T	trans-1,2-Dichloroethene	50.000	50.715	-1.4	102	0.00
22 T	Diisopropyl ether	50.000	50.614	-1.2	104	0.00
23 T	Vinyl Acetate	250.000	257.866	-3.1	102	0.00
24 P	1,1-Dichloroethane	50.000	51.409	-2.8	104	0.00
25 T	2-Butanone	250.000	237.822	4.9	98	0.00
26 T	2,2-Dichloropropane	50.000	49.691	0.6	107	0.00
27 T	cis-1,2-Dichloroethene	50.000	51.344	-2.7	106	0.00
28 T	Bromochloromethane	50.000	52.426	-4.9	98	0.00
29 T	Tetrahydrofuran	250.000	244.671	2.1	99	0.00
30 C	Chloroform	50.000	49.858	0.3#	103	0.00
31 T	Cyclohexane	50.000	49.462	1.1	107	0.00
32 T	1,1,1-Trichloroethane	50.000	51.607	-3.2	107	0.00
33 S	1,2-Dichloroethane-d4	50.000	45.734	8.5	95	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	100	0.00
35 S	Dibromofluoromethane	50.000	45.256	9.5	96	0.00
36 T	1,1-Dichloropropene	50.000	52.532	-5.1	107	0.00
37 T	Ethyl Acetate	50.000	49.949	0.1	102	0.00
38 T	Carbon Tetrachloride	50.000	52.038	-4.1	106	0.00
39 T	Methylcyclohexane	50.000	53.065	-6.1	106	0.00
40 TM	Benzene	50.000	50.911	-1.8	103	0.00
41 T	Methacrylonitrile	50.000	42.218	15.6	89	0.00
42 TM	1,2-Dichloroethane	50.000	49.984	0.0	102	0.00
43 T	Isopropyl Acetate	50.000	48.886	2.2	101	0.00
44 TM	Trichloroethene	50.000	51.383	-2.8	105	0.00
45 C	1,2-Dichloropropane	50.000	51.586	-3.2#	104	0.00
46 T	Dibromomethane	50.000	50.322	-0.6	102	0.00
47 T	Bromodichloromethane	50.000	51.027	-2.1	104	0.00
48 T	Methyl methacrylate	50.000	50.010	-0.0	105	0.00

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1033.709	-3.4	102	0.00
50 S	Toluene-d8	50.000	47.418	5.2	98	0.00
51 T	4-Methyl-2-Pentanone	250.000	242.797	2.9	100	0.00
52 CM	Toluene	50.000	50.753	-1.5#	104	0.00
53 T	t-1,3-Dichloropropene	50.000	51.385	-2.8	105	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.290	-2.6	104	0.00
55 T	1,1,2-Trichloroethane	50.000	50.440	-0.9	103	0.00
56 T	Ethyl methacrylate	50.000	52.183	-4.4	103	0.00
57 T	1,3-Dichloropropane	50.000	50.133	-0.3	102	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	258.006	-3.2	96	0.00
59 T	2-Hexanone	250.000	239.216	4.3	98	0.00
60 T	Dibromochloromethane	50.000	51.130	-2.3	103	0.00
61 T	1,2-Dibromoethane	50.000	50.739	-1.5	102	0.00
62 S	4-Bromofluorobenzene	50.000	45.046	9.9	98	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	101	0.00
64 T	Tetrachloroethene	50.000	51.615	-3.2	105	0.00
65 PM	Chlorobenzene	50.000	50.327	-0.7	103	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	51.524	-3.0	104	0.00
67 C	Ethyl Benzene	50.000	50.370	-0.7#	105	0.00
68 T	m/p-Xylenes	100.000	100.637	-0.6	104	0.00
69 T	o-Xylene	50.000	51.022	-2.0	105	0.00
70 T	Styrene	50.000	51.446	-2.9	105	0.00
71 P	Bromoform	50.000	51.444	-2.9	105	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	99	0.00
73 T	Isopropylbenzene	50.000	53.220	-6.4	106	0.00
74 T	N-ethyl acetate	50.000	49.864	0.3	102	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	51.405	-2.8	103	0.00
76 T	1,2,3-Trichloropropane	50.000	45.572	8.9	98	0.00
77 T	Bromobenzene	50.000	52.002	-4.0	105	0.00
78 T	n-propylbenzene	50.000	52.010	-4.0	105	0.00
79 T	2-Chlorotoluene	50.000	52.046	-4.1	104	0.00
80 T	1,3,5-Trimethylbenzene	50.000	52.845	-5.7	106	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	51.207	-2.4	104	0.00
82 T	4-Chlorotoluene	50.000	51.520	-3.0	105	0.00
83 T	tert-Butylbenzene	50.000	53.441	-6.9	107	0.00
84 T	1,2,4-Trimethylbenzene	50.000	52.507	-5.0	106	0.00
85 T	sec-Butylbenzene	50.000	52.375	-4.8	106	0.00
86 T	p-Isopropyltoluene	50.000	52.836	-5.7	106	0.00
87 T	1,3-Dichlorobenzene	50.000	51.432	-2.9	104	0.00
88 T	1,4-Dichlorobenzene	50.000	51.398	-2.8	105	0.00
89 T	n-Butylbenzene	50.000	52.863	-5.7	108	0.00
90 T	Hexachloroethane	50.000	52.922	-5.8	107	0.00
91 T	1,2-Dichlorobenzene	50.000	51.853	-3.7	105	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	48.470	3.1	98	0.00
93 T	1,2,4-Trichlorobenzene	50.000	53.115	-6.2	107	0.00
94 T	Hexachlorobutadiene	50.000	54.610	-9.2	111	0.00
95 T	Naphthalene	50.000	54.568	-9.1	106	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	52.352	-4.7	104	0.00

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