

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070821\
 Data File : VY005389.D
 Acq On : 08 Jul 2021 16:17
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY070821

Quant Time: Jul 09 07:19:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070821S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 09 07:16:38 2021
 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	106	0.00
2 T	Dichlorodifluoromethane	50.000	50.671	-1.3	108	0.00
3 P	Chloromethane	50.000	46.971	6.1	108	0.00
4 C	Vinyl Chloride	50.000	48.393	3.2#	110	0.00
5 T	Bromomethane	50.000	54.084	-8.2	115	0.00
6 T	Chloroethane	50.000	49.452	1.1	109	0.00
7 T	Trichlorofluoromethane	50.000	48.557	2.9	110	0.00
8 T	Diethyl Ether	50.000	52.051	-4.1	114	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	50.107	-0.2	110	0.00
10 T	Methyl Iodide	50.000	52.964	-5.9	106	0.00
11 T	Tert butyl alcohol	250.000	165.124	34.0#	110	0.01
12 CM	1,1-Dichloroethene	50.000	49.946	0.1#	110	0.00
13 T	Acrolein	250.000	244.811	2.1	104	0.00
14 T	Allyl chloride	50.000	52.502	-5.0	112	0.00
15 T	Acrylonitrile	250.000	270.125	-8.1	112	0.00
16 T	Acetone	250.000	218.885	12.4	97	0.00
17 T	Carbon Disulfide	50.000	49.238	1.5	113	0.00
18 T	Methyl Acetate	50.000	56.209	-12.4	114	0.00
19 T	Methyl tert-butyl Ether	50.000	53.452	-6.9	112	0.00
20 T	Methylene Chloride	50.000	38.211	23.6	98	0.00
21 T	trans-1,2-Dichloroethene	50.000	50.720	-1.4	112	0.00
22 T	Diisopropyl ether	50.000	53.637	-7.3	112	0.00
23 T	Vinyl Acetate	250.000	276.242	-10.5	112	0.00
24 P	1,1-Dichloroethane	50.000	52.695	-5.4	113	0.00
25 T	2-Butanone	250.000	256.370	-2.5	108	0.00
26 T	2,2-Dichloropropane	50.000	48.756	2.5	108	0.00
27 T	cis-1,2-Dichloroethene	50.000	52.119	-4.2	111	0.00
28 T	Bromochloromethane	50.000	52.147	-4.3	109	0.00
29 T	Tetrahydrofuran	250.000	266.613	-6.6	110	0.00
30 C	Chloroform	50.000	51.938	-3.9#	111	0.00
31 T	Cyclohexane	50.000	48.287	3.4	111	0.00
32 T	1,1,1-Trichloroethane	50.000	50.914	-1.8	111	0.00
33 S	1,2-Dichloroethane-d4	50.000	48.477	3.0	108	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	108	0.00
35 S	Dibromofluoromethane	50.000	50.171	-0.3	111	0.00
36 T	1,1-Dichloropropene	50.000	51.271	-2.5	112	0.00
37 T	Ethyl Acetate	50.000	50.854	-1.7	111	0.00
38 T	Carbon Tetrachloride	50.000	49.591	0.8	110	0.00
39 T	Methylcyclohexane	50.000	50.378	-0.8	111	0.00
40 TM	Benzene	50.000	50.607	-1.2	112	0.00
41 T	Methacrylonitrile	50.000	49.435	1.1	110	0.00
42 TM	1,2-Dichloroethane	50.000	51.111	-2.2	111	0.00
43 T	Isopropyl Acetate	50.000	52.823	-5.6	113	0.00
44 TM	Trichloroethene	50.000	50.278	-0.6	111	0.00
45 C	1,2-Dichloropropane	50.000	52.656	-5.3#	114	0.00
46 T	Dibromomethane	50.000	53.068	-6.1	114	0.00
47 T	Bromodichloromethane	50.000	51.775	-3.5	112	0.00
48 T	Methyl methacrylate	50.000	52.584	-5.2	109	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	1132.521	-13.3	111	0.00
50 S	Toluene-d8	50.000	48.403	3.2	109	0.00
51 T	4-Methyl-2-Pentanone	250.000	262.327	-4.9	112	0.00
52 CM	Toluene	50.000	51.595	-3.2#	111	0.00
53 T	t-1,3-Dichloropropene	50.000	52.306	-4.6	111	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.918	-3.8	112	0.00
55 T	1,1,2-Trichloroethane	50.000	51.870	-3.7	111	0.00
56 T	Ethyl methacrylate	50.000	54.863	-9.7	113	0.00
57 T	1,3-Dichloropropane	50.000	53.018	-6.0	112	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	217.645	12.9	101	0.00
59 T	2-Hexanone	250.000	263.754	-5.5	110	0.00
60 T	Dibromochloromethane	50.000	52.592	-5.2	112	0.00
61 T	1,2-Dibromoethane	50.000	51.902	-3.8	111	0.00
62 S	4-Bromofluorobenzene	50.000	48.496	3.0	109	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	107	0.00
64 T	Tetrachloroethene	50.000	49.679	0.6	109	0.00
65 PM	Chlorobenzene	50.000	50.900	-1.8	110	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	52.078	-4.2	110	0.00
67 C	Ethyl Benzene	50.000	51.643	-3.3#	111	0.00
68 T	m/p-Xylenes	100.000	103.669	-3.7	110	0.00
69 T	o-Xylene	50.000	52.246	-4.5	111	0.00
70 T	Styrene	50.000	52.398	-4.8	111	0.00
71 P	Bromoform	50.000	52.166	-4.3	109	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	104	0.00
73 T	Isopropylbenzene	50.000	51.917	-3.8	110	0.00
74 T	N-amyl acetate	50.000	53.676	-7.4	111	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	52.330	-4.7	111	0.00
76 T	1,2,3-Trichloropropane	50.000	51.111	-2.2	109	0.00
77 T	Bromobenzene	50.000	52.650	-5.3	111	0.00
78 T	n-propylbenzene	50.000	52.337	-4.7	110	0.00
79 T	2-Chlorotoluene	50.000	52.186	-4.4	111	0.00
80 T	1,3,5-Trimethylbenzene	50.000	52.213	-4.4	111	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	51.838	-3.7	109	0.00
82 T	4-Chlorotoluene	50.000	52.443	-4.9	111	0.00
83 T	tert-Butylbenzene	50.000	52.544	-5.1	110	0.00
84 T	1,2,4-Trimethylbenzene	50.000	52.349	-4.7	110	0.00
85 T	sec-Butylbenzene	50.000	52.594	-5.2	109	0.00
86 T	p-Isopropyltoluene	50.000	52.484	-5.0	109	0.00
87 T	1,3-Dichlorobenzene	50.000	51.711	-3.4	110	0.00
88 T	1,4-Dichlorobenzene	50.000	51.543	-3.1	110	0.00
89 T	n-Butylbenzene	50.000	52.717	-5.4	110	0.00
90 T	Hexachloroethane	50.000	52.499	-5.0	109	0.00
91 T	1,2-Dichlorobenzene	50.000	51.867	-3.7	110	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	51.064	-2.1	110	0.00
93 T	1,2,4-Trichlorobenzene	50.000	52.467	-4.9	110	0.00
94 T	Hexachlorobutadiene	50.000	52.926	-5.9	110	0.00
95 T	Naphthalene	50.000	54.285	-8.6	111	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	53.263	-6.5	112	0.00

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