

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040921\
 Data File : VY004373.D
 Acq On : 09 Apr 2021 21:11
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 10 02:07:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 30 06:38:14 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	96	0.00
2 T	Dichlorodifluoromethane	50.000	45.851	8.3	89	0.00
3 P	Chloromethane	50.000	50.586	-1.2	97	0.00
4 C	Vinyl Chloride	50.000	55.741	-11.5#	109	0.00
5 T	Bromomethane	50.000	44.565	10.9	89	0.00
6 T	Chloroethane	50.000	48.264	3.5	95	0.00
7 T	Trichlorofluoromethane	50.000	50.174	-0.3	97	0.00
8 T	Diethyl Ether	50.000	56.891	-13.8	110	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	50.812	-1.6	100	0.00
10 T	Methyl Iodide	50.000	52.079	-4.2	100	0.00
11 T	Tert butyl alcohol	250.000	404.075	-61.6#	147	0.00
12 CM	1,1-Dichloroethene	50.000	50.585	-1.2#	98	0.00
13 T	Acrolein	250.000	194.608	22.2	79	0.00
14 T	Allyl chloride	50.000	62.412	-24.8	120	0.00
15 T	Acrylonitrile	250.000	337.729	-35.1#	126	0.00
16 T	Acetone	250.000	376.755	-50.7#	148	0.00
17 T	Carbon Disulfide	50.000	53.349	-6.7	99	0.00
18 T	Methyl Acetate	50.000	73.330	-46.7#	137	0.00
19 T	Methyl tert-butyl Ether	50.000	58.898	-17.8	112	0.00
20 T	Methylene Chloride	50.000	60.547	-21.1	115	0.00
21 T	trans-1,2-Dichloroethene	50.000	52.628	-5.3	100	0.00
22 T	Diisopropyl ether	50.000	65.166	-30.3#	127	0.00
23 T	Vinyl Acetate	250.000	321.072	-28.4#	121	0.00
24 P	1,1-Dichloroethane	50.000	59.353	-18.7	114	0.00
25 T	2-Butanone	250.000	365.962	-46.4#	134	0.00
26 T	2,2-Dichloropropane	50.000	53.052	-6.1	103	0.00
27 T	cis-1,2-Dichloroethene	50.000	55.066	-10.1	106	0.00
28 T	Bromochloromethane	50.000	61.794	-23.6	127	0.00
29 T	Tetrahydrofuran	250.000	355.568	-42.2#	132	0.00
30 C	Chloroform	50.000	56.018	-12.0#	108	0.00
31 T	Cyclohexane	50.000	52.864	-5.7	107	0.00
32 T	1,1,1-Trichloroethane	50.000	54.424	-8.8	105	0.00
33 S	1,2-Dichloroethane-d4	50.000	53.194	-6.4	105	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	103	0.00
35 S	Dibromofluoromethane	50.000	44.788	10.4	94	0.00
36 T	1,1-Dichloropropene	50.000	51.044	-2.1	105	0.00
37 T	Ethyl Acetate	50.000	60.284	-20.6	123	0.00
38 T	Carbon Tetrachloride	50.000	53.954	-7.9	106	0.00
39 T	Methylcyclohexane	50.000	49.229	1.5	100	0.00
40 TM	Benzene	50.000	53.145	-6.3	109	0.00
41 T	Methacrylonitrile	50.000	59.617	-19.2	126	0.00
42 TM	1,2-Dichloroethane	50.000	54.895	-9.8	112	0.00
43 T	Isopropyl Acetate	50.000	64.084	-28.2#	127	0.00
44 TM	Trichloroethene	50.000	45.190	9.6	94	0.00
45 C	1,2-Dichloropropane	50.000	57.337	-14.7#	118	0.00
46 T	Dibromomethane	50.000	52.639	-5.3	106	0.00
47 T	Bromodichloromethane	50.000	55.336	-10.7	112	0.00
48 T	Methyl methacrylate	50.000	65.486	-31.0#	128	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	1384.669	-38.5#	134	0.00
50 S	Toluene-d8	50.000	46.787	6.4	100	0.00
51 T	4-Methyl-2-Pentanone	250.000	330.594	-32.2#	130	0.00
52 CM	Toluene	50.000	53.410	-6.8#	109	0.00
53 T	t-1,3-Dichloropropene	50.000	55.690	-11.4	112	0.00
54 T	cis-1,3-Dichloropropene	50.000	54.811	-9.6	110	0.00
55 T	1,1,2-Trichloroethane	50.000	54.672	-9.3	111	0.00
56 T	Ethyl methacrylate	50.000	60.221	-20.4	119	0.00
57 T	1,3-Dichloropropane	50.000	55.995	-12.0	113	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	200.584	19.8	92	0.00
59 T	2-Hexanone	250.000	332.702	-33.1#	130	0.00
60 T	Dibromochloromethane	50.000	54.176	-8.4	108	0.00
61 T	1,2-Dibromoethane	50.000	53.792	-7.6	109	0.00
62 S	4-Bromofluorobenzene	50.000	50.102	-0.2	106	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	104	0.00
64 T	Tetrachloroethene	50.000	41.539	16.9	89	0.00
65 PM	Chlorobenzene	50.000	49.913	0.2	104	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	51.512	-3.0	107	0.00
67 C	Ethyl Benzene	50.000	51.100	-2.2#	107	0.00
68 T	m/p-Xylenes	100.000	98.860	1.1	103	0.00
69 T	o-Xylene	50.000	50.507	-1.0	106	0.00
70 T	Styrene	50.000	51.524	-3.0	107	0.00
71 P	Bromoform	50.000	55.214	-10.4	111	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	103	0.00
73 T	Isopropylbenzene	50.000	51.184	-2.4	105	0.00
74 T	N-amyl acetate	50.000	63.716	-27.4#	126	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	56.587	-13.2	113	0.00
76 T	1,2,3-Trichloropropane	50.000	60.037	-20.1	119	0.00
77 T	Bromobenzene	50.000	49.967	0.1	102	0.00
78 T	n-propylbenzene	50.000	51.656	-3.3	106	0.00
79 T	2-Chlorotoluene	50.000	52.896	-5.8	108	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.837	-3.7	106	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	61.105	-22.2	124	0.00
82 T	4-Chlorotoluene	50.000	52.568	-5.1	108	0.00
83 T	tert-Butylbenzene	50.000	50.037	-0.1	104	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.707	-3.4	106	0.00
85 T	sec-Butylbenzene	50.000	51.162	-2.3	105	0.00
86 T	p-Isopropyltoluene	50.000	49.515	1.0	101	0.00
87 T	1,3-Dichlorobenzene	50.000	48.560	2.9	100	0.00
88 T	1,4-Dichlorobenzene	50.000	49.467	1.1	101	0.00
89 T	n-Butylbenzene	50.000	50.275	-0.5	102	0.00
90 T	Hexachloroethane	50.000	73.071	-46.1#	184	0.00
91 T	1,2-Dichlorobenzene	50.000	49.742	0.5	101	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	52.769	-5.5	112	0.00
93 T	1,2,4-Trichlorobenzene	50.000	43.411	13.2	88	0.00
94 T	Hexachlorobutadiene	50.000	42.755	14.5	86	0.00
95 T	Naphthalene	50.000	48.767	2.5	98	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	42.332	15.3	89	0.00

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