

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051021\
 Data File : VY004734.D
 Acq On : 10 May 2021 17:01
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 11 04:28:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 11 04:13:44 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	105	0.00
2 T	Dichlorodifluoromethane	50.000	46.970	6.1	98	0.00
3 P	Chloromethane	50.000	42.662	14.7	93	0.00
4 C	Vinyl Chloride	50.000	43.647	12.7#	95	0.00
5 T	Bromomethane	50.000	47.905	4.2	101	0.00
6 T	Chloroethane	50.000	46.925	6.2	97	0.00
7 T	Trichlorofluoromethane	50.000	48.651	2.7	100	0.00
8 T	Diethyl Ether	50.000	47.124	5.8	101	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.097	3.8	101	0.00
10 T	Methyl Iodide	50.000	49.077	1.8	100	0.00
11 T	Tert butyl alcohol	250.000	210.991	15.6	101	0.00
12 CM	1,1-Dichloroethene	50.000	47.887	4.2#	99	0.00
13 T	Acrolein	250.000	212.902	14.8	93	0.00
14 T	Allyl chloride	50.000	46.890	6.2	97	0.00
15 T	Acrylonitrile	250.000	229.420	8.2	98	0.00
16 T	Acetone	250.000	228.759	8.5	100	0.00
17 T	Carbon Disulfide	50.000	47.632	4.7	97	0.00
18 T	Methyl Acetate	50.000	44.473	11.1	98	0.00
19 T	Methyl tert-butyl Ether	50.000	47.913	4.2	101	0.00
20 T	Methylene Chloride	50.000	44.014	12.0	93	0.00
21 T	trans-1,2-Dichloroethene	50.000	48.113	3.8	98	0.00
22 T	Diisopropyl ether	50.000	48.780	2.4	100	0.00
23 T	Vinyl Acetate	250.000	242.037	3.2	99	0.00
24 P	1,1-Dichloroethane	50.000	48.072	3.9	99	0.00
25 T	2-Butanone	250.000	232.139	7.1	100	0.00
26 T	2,2-Dichloropropane	50.000	48.829	2.3	100	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.034	1.9	101	0.00
28 T	Bromochloromethane	50.000	49.440	1.1	101	0.00
29 T	Tetrahydrofuran	250.000	230.597	7.8	98	0.00
30 C	Chloroform	50.000	48.251	3.5#	100	0.00
31 T	Cyclohexane	50.000	45.864	8.3	98	0.00
32 T	1,1,1-Trichloroethane	50.000	48.581	2.8	100	0.00
33 S	1,2-Dichloroethane-d4	50.000	50.113	-0.2	104	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	106	0.00
35 S	Dibromofluoromethane	50.000	51.950	-3.9	102	0.00
36 T	1,1-Dichloropropene	50.000	47.583	4.8	98	0.00
37 T	Ethyl Acetate	50.000	45.998	8.0	100	0.00
38 T	Carbon Tetrachloride	50.000	50.397	-0.8	100	0.00
39 T	Methylcyclohexane	50.000	49.206	1.6	98	0.00
40 TM	Benzene	50.000	48.117	3.8	98	0.00
41 T	Methacrylonitrile	50.000	51.091	-2.2	98	0.02
42 TM	1,2-Dichloroethane	50.000	48.645	2.7	101	0.00
43 T	Isopropyl Acetate	50.000	47.855	4.3	100	0.00
44 TM	Trichloroethene	50.000	48.074	3.9	98	0.00
45 C	1,2-Dichloropropane	50.000	48.081	3.8#	99	0.00
46 T	Dibromomethane	50.000	48.067	3.9	100	0.00
47 T	Bromodichloromethane	50.000	48.260	3.5	99	0.00
48 T	Methyl methacrylate	50.000	48.218	3.6	101	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	902.311	9.8	97	0.00
50 S	Toluene-d8	50.000	50.264	-0.5	101	0.00
51 T	4-Methyl-2-Pentanone	250.000	237.658	4.9	100	0.00
52 CM	Toluene	50.000	48.443	3.1#	98	0.00
53 T	t-1,3-Dichloropropene	50.000	48.829	2.3	100	0.00
54 T	cis-1,3-Dichloropropene	50.000	47.914	4.2	99	0.00
55 T	1,1,2-Trichloroethane	50.000	48.173	3.7	101	0.00
56 T	Ethyl methacrylate	50.000	49.279	1.4	100	0.00
57 T	1,3-Dichloropropane	50.000	48.435	3.1	99	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	238.363	4.7	104	0.00
59 T	2-Hexanone	250.000	242.851	2.9	100	0.00
60 T	Dibromochloromethane	50.000	48.736	2.5	102	0.00
61 T	1,2-Dibromoethane	50.000	48.326	3.3	99	0.00
62 S	4-Bromofluorobenzene	50.000	50.763	-1.5	103	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	106	0.00
64 T	Tetrachloroethene	50.000	48.674	2.7	99	0.00
65 PM	Chlorobenzene	50.000	48.737	2.5	99	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.304	1.4	100	0.00
67 C	Ethyl Benzene	50.000	49.487	1.0#	99	0.00
68 T	m/p-Xylenes	100.000	100.219	-0.2	99	0.00
69 T	o-Xylene	50.000	49.952	0.1	99	0.00
70 T	Styrene	50.000	51.248	-2.5	100	0.00
71 P	Bromoform	50.000	48.692	2.6	100	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	106	0.00
73 T	Isopropylbenzene	50.000	48.867	2.3	98	0.00
74 T	N-amyl acetate	50.000	49.190	1.6	101	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	47.134	5.7	99	0.00
76 T	1,2,3-Trichloropropane	50.000	50.229	-0.5	106	0.00
77 T	Bromobenzene	50.000	48.506	3.0	101	0.00
78 T	n-propylbenzene	50.000	49.303	1.4	98	0.00
79 T	2-Chlorotoluene	50.000	49.081	1.8	100	0.00
80 T	1,3,5-Trimethylbenzene	50.000	50.049	-0.1	100	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	48.055	3.9	101	0.00
82 T	4-Chlorotoluene	50.000	49.128	1.7	99	0.00
83 T	tert-Butylbenzene	50.000	50.064	-0.1	99	0.00
84 T	1,2,4-Trimethylbenzene	50.000	49.598	0.8	99	0.00
85 T	sec-Butylbenzene	50.000	50.253	-0.5	99	0.00
86 T	p-Isopropyltoluene	50.000	50.544	-1.1	100	0.00
87 T	1,3-Dichlorobenzene	50.000	48.696	2.6	101	0.00
88 T	1,4-Dichlorobenzene	50.000	48.697	2.6	100	0.00
89 T	n-Butylbenzene	50.000	49.730	0.5	97	0.00
90 T	Hexachloroethane	50.000	48.655	2.7	97	0.00
91 T	1,2-Dichlorobenzene	50.000	49.004	2.0	101	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	45.021	10.0	101	0.00
93 T	1,2,4-Trichlorobenzene	50.000	48.055	3.9	98	0.00
94 T	Hexachlorobutadiene	50.000	48.685	2.6	97	0.00
95 T	Naphthalene	50.000	48.666	2.7	98	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	47.977	4.0	98	0.00

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