

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040221\
 Data File : VY004251.D
 Acq On : 02 Apr 2021 10:00
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 02 22:56:20 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	108	0.00
2 T	Dichlorodifluoromethane	50.000	51.121	-2.2	111	0.00
3 P	Chloromethane	50.000	54.696	-9.4	118	0.00
4 C	Vinyl Chloride	50.000	59.179	-18.4#	130	0.00
5 T	Bromomethane	50.000	44.682	10.6	100	0.00
6 T	Chloroethane	50.000	49.918	0.2	110	0.00
7 T	Trichlorofluoromethane	50.000	51.389	-2.8	112	0.00
8 T	Diethyl Ether	50.000	53.288	-6.6	116	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	54.307	-8.6	120	0.00
10 T	Methyl Iodide	50.000	50.063	-0.1	108	0.00
11 T	Tert butyl alcohol	250.000	285.913	-14.4	117	0.00
12 CM	1,1-Dichloroethene	50.000	53.631	-7.3#	116	0.00
13 T	Acrolein	250.000	250.549	-0.2	111	0.01
14 T	Allyl chloride	50.000	64.004	-28.0#	138	0.00
15 T	Acrylonitrile	250.000	288.479	-15.4	121	0.00
16 T	Acetone	250.000	202.081	19.2	89	0.00
17 T	Carbon Disulfide	50.000	59.338	-18.7	124	0.00
18 T	Methyl Acetate	50.000	57.835	-15.7	122	0.00
19 T	Methyl tert-butyl Ether	50.000	53.177	-6.4	113	0.00
20 T	Methylene Chloride	50.000	55.435	-10.9	119	0.00
21 T	trans-1,2-Dichloroethene	50.000	55.012	-10.0	117	0.00
22 T	Diisopropyl ether	50.000	62.353	-24.7	136	0.00
23 T	Vinyl Acetate	250.000	296.192	-18.5	126	0.00
24 P	1,1-Dichloroethane	50.000	58.332	-16.7	126	0.00
25 T	2-Butanone	250.000	252.478	-1.0	104	0.00
26 T	2,2-Dichloropropane	50.000	56.875	-13.8	124	0.00
27 T	cis-1,2-Dichloroethene	50.000	54.626	-9.3	118	0.00
28 T	Bromochloromethane	50.000	55.702	-11.4	129	0.00
29 T	Tetrahydrofuran	250.000	290.443	-16.2	122	0.00
30 C	Chloroform	50.000	53.895	-7.8#	117	0.00
31 T	Cyclohexane	50.000	58.734	-17.5	134	0.00
32 T	1,1,1-Trichloroethane	50.000	53.183	-6.4	115	0.00
33 S	1,2-Dichloroethane-d4	50.000	42.205	15.6	93	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	111	0.00
35 S	Dibromofluoromethane	50.000	41.307	17.4	94	0.00
36 T	1,1-Dichloropropene	50.000	55.298	-10.6	123	0.00
37 T	Ethyl Acetate	50.000	53.247	-6.5	117	0.00
38 T	Carbon Tetrachloride	50.000	57.719	-15.4	123	0.00
39 T	Methylcyclohexane	50.000	56.687	-13.4	125	0.00
40 TM	Benzene	50.000	55.427	-10.9	123	0.00
41 T	Methacrylonitrile	50.000	52.318	-4.6	119	0.00
42 TM	1,2-Dichloroethane	50.000	51.848	-3.7	114	0.00
43 T	Isopropyl Acetate	50.000	56.623	-13.2	121	0.00
44 TM	Trichloroethene	50.000	48.728	2.5	110	0.00
45 C	1,2-Dichloropropane	50.000	57.735	-15.5#	128	0.00
46 T	Dibromomethane	50.000	51.282	-2.6	112	0.00
47 T	Bromodichloromethane	50.000	53.841	-7.7	117	0.00
48 T	Methyl methacrylate	50.000	57.892	-15.8	122	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1196.550	-19.7	122	0.00
50 S	Toluene-d8	50.000	42.637	14.7	99	0.00
51 T	4-Methyl-2-Pentanone	250.000	281.538	-12.6	120	0.00
52 CM	Toluene	50.000	54.584	-9.2#	120	0.00
53 T	t-1,3-Dichloropropene	50.000	54.924	-9.8	119	0.00
54 T	cis-1,3-Dichloropropene	50.000	56.392	-12.8	123	0.00
55 T	1,1,2-Trichloroethane	50.000	51.994	-4.0	114	0.00
56 T	Ethyl methacrylate	50.000	54.725	-9.5	117	0.00
57 T	1,3-Dichloropropane	50.000	54.039	-8.1	118	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	226.544	9.4	112	0.00
59 T	2-Hexanone	250.000	261.801	-4.7	111	0.00
60 T	Dibromochloromethane	50.000	52.006	-4.0	112	0.00
61 T	1,2-Dibromoethane	50.000	50.999	-2.0	111	0.00
62 S	4-Bromofluorobenzene	50.000	41.736	16.5	95	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	109	0.00
64 T	Tetrachloroethene	50.000	45.215	9.6	101	0.00
65 PM	Chlorobenzene	50.000	53.533	-7.1	117	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	53.875	-7.8	117	0.00
67 C	Ethyl Benzene	50.000	55.543	-11.1#	121	0.00
68 T	m/p-Xylenes	100.000	109.594	-9.6	119	0.00
69 T	o-Xylene	50.000	54.059	-8.1	118	0.00
70 T	Styrene	50.000	54.700	-9.4	118	0.00
71 P	Bromoform	50.000	52.230	-4.5	109	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	106	0.00
73 T	Isopropylbenzene	50.000	56.686	-13.4	120	0.00
74 T	N-amyl acetate	50.000	60.084	-20.2	123	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	54.042	-8.1	112	0.00
76 T	1,2,3-Trichloropropane	50.000	48.843	2.3	100	0.00
77 T	Bromobenzene	50.000	52.781	-5.6	112	0.00
78 T	n-propylbenzene	50.000	57.912	-15.8	123	0.00
79 T	2-Chlorotoluene	50.000	56.742	-13.5	120	0.00
80 T	1,3,5-Trimethylbenzene	50.000	56.112	-12.2	118	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	58.725	-17.5	123	0.00
82 T	4-Chlorotoluene	50.000	56.671	-13.3	121	0.00
83 T	tert-Butylbenzene	50.000	56.184	-12.4	121	0.00
84 T	1,2,4-Trimethylbenzene	50.000	55.993	-12.0	119	0.00
85 T	sec-Butylbenzene	50.000	57.471	-14.9	122	0.00
86 T	p-Isopropyltoluene	50.000	55.684	-11.4	117	0.00
87 T	1,3-Dichlorobenzene	50.000	53.381	-6.8	113	0.00
88 T	1,4-Dichlorobenzene	50.000	53.621	-7.2	113	0.00
89 T	n-Butylbenzene	50.000	57.807	-15.6	121	0.00
90 T	Hexachloroethane	50.000	76.881	-53.8#	202	0.00
91 T	1,2-Dichlorobenzene	50.000	52.284	-4.6	110	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	47.162	5.7	104	0.00
93 T	1,2,4-Trichlorobenzene	50.000	50.613	-1.2	107	0.00
94 T	Hexachlorobutadiene	50.000	51.317	-2.6	107	0.00
95 T	Naphthalene	50.000	48.828	2.3	101	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	47.711	4.6	103	0.00

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