

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032321\
 Data File : VY004174.D
 Acq On : 23 Mar 2021 13:40
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 24 01:19:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 08 12:28:55 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	66	0.00
2 T	Dichlorodifluoromethane	50.000	45.259	9.5	63	0.00
3 P	Chloromethane	50.000	46.259	7.5	61	0.00
4 C	Vinyl Chloride	50.000	43.323	13.4#	63	0.00
5 T	Bromomethane	50.000	46.492	7.0	69	0.00
6 T	Chloroethane	50.000	46.479	7.0	65	0.00
7 T	Trichlorofluoromethane	50.000	50.678	-1.4	71	0.00
8 T	Diethyl Ether	50.000	51.632	-3.3	69	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	51.370	-2.7	72	0.00
10 T	Methyl Iodide	50.000	51.213	-2.4	67	0.00
11 T	Tert butyl alcohol	250.000	229.875	8.1	58	0.00
12 CM	1,1-Dichloroethene	50.000	49.259	1.5#	69	0.00
13 T	Acrolein	250.000	166.704	33.3#	38	0.00
14 T	Allyl chloride	50.000	44.818	10.4	61	0.00
15 T	Acrylonitrile	250.000	244.658	2.1	63	0.00
16 T	Acetone	250.000	209.475	16.2	51	0.00
17 T	Carbon Disulfide	50.000	43.830	12.3	63	0.00
18 T	Methyl Acetate	50.000	52.240	-4.5	67	0.00
19 T	Methyl tert-butyl Ether	50.000	52.030	-4.1	68	-0.01
20 T	Methylene Chloride	50.000	51.334	-2.7	67	0.00
21 T	trans-1,2-Dichloroethene	50.000	50.149	-0.3	69	0.00
22 T	Diisopropyl ether	50.000	48.607	2.8	65	0.00
23 T	Vinyl Acetate	250.000	237.064	5.2	62	0.00
24 P	1,1-Dichloroethane	50.000	50.513	-1.0	68	0.00
25 T	2-Butanone	250.000	232.740	6.9	58	0.00
26 T	2,2-Dichloropropane	50.000	48.782	2.4	66	0.00
27 T	cis-1,2-Dichloroethene	50.000	52.065	-4.1	71	0.00
28 T	Bromochloromethane	50.000	48.272	3.5	65	0.00
29 T	Tetrahydrofuran	250.000	236.661	5.3	60	0.00
30 C	Chloroform	50.000	52.347	-4.7#	71	0.00
31 T	Cyclohexane	50.000	43.482	13.0	63	0.00
32 T	1,1,1-Trichloroethane	50.000	52.679	-5.4	71	0.00
33 S	1,2-Dichloroethane-d4	50.000	48.502	3.0	62	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	66	0.00
35 S	Dibromofluoromethane	50.000	51.064	-2.1	65	0.00
36 T	1,1-Dichloropropene	50.000	49.513	1.0	67	0.00
37 T	Ethyl Acetate	50.000	49.780	0.4	63	0.00
38 T	Carbon Tetrachloride	50.000	52.786	-5.6	71	0.00
39 T	Methylcyclohexane	50.000	48.704	2.6	67	0.00
40 TM	Benzene	50.000	51.478	-3.0	70	0.00
41 T	Methacrylonitrile	50.000	51.583	-3.2	69	0.00
42 TM	1,2-Dichloroethane	50.000	52.362	-4.7	69	0.00
43 T	Isopropyl Acetate	50.000	48.420	3.2	61	0.00
44 TM	Trichloroethene	50.000	54.299	-8.6	73	0.00
45 C	1,2-Dichloropropane	50.000	51.289	-2.6#	68	0.00
46 T	Dibromomethane	50.000	53.213	-6.4	70	0.00
47 T	Bromodichloromethane	50.000	53.757	-7.5	71	0.00
48 T	Methyl methacrylate	50.000	46.646	6.7	59	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	1058.342	-5.8	68	0.00
50 S	Toluene-d8	50.000	47.853	4.3	63	0.00
51 T	4-Methyl-2-Pentanone	250.000	246.499	1.4	60	0.00
52 CM	Toluene	50.000	52.315	-4.6#	71	0.00
53 T	t-1,3-Dichloropropene	50.000	51.205	-2.4	66	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.760	-3.5	68	0.00
55 T	1,1,2-Trichloroethane	50.000	54.418	-8.8	70	0.00
56 T	Ethyl methacrylate	50.000	50.420	-0.8	64	0.00
57 T	1,3-Dichloropropane	50.000	52.680	-5.4	68	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	236.770	5.3	63	0.00
59 T	2-Hexanone	250.000	241.215	3.5	58	0.00
60 T	Dibromochloromethane	50.000	55.996	-12.0	72	0.00
61 T	1,2-Dibromoethane	50.000	53.801	-7.6	70	0.00
62 S	4-Bromofluorobenzene	50.000	46.803	6.4	60	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	66	0.00
64 T	Tetrachloroethene	50.000	57.972	-15.9	79	0.00
65 PM	Chlorobenzene	50.000	53.565	-7.1	71	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	54.708	-9.4	73	0.00
67 C	Ethyl Benzene	50.000	51.866	-3.7#	70	0.00
68 T	m/p-Xylenes	100.000	103.998	-4.0	70	0.00
69 T	o-Xylene	50.000	52.738	-5.5	71	0.00
70 T	Styrene	50.000	52.666	-5.3	70	0.00
71 P	Bromoform	50.000	55.401	-10.8	71	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	66	0.00
73 T	Isopropylbenzene	50.000	52.537	-5.1	71	0.00
74 T	N-ethyl acetate	50.000	46.599	6.8	59	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	49.425	1.2	62	0.00
76 T	1,2,3-Trichloropropane	50.000	50.251	-0.5	66	0.00
77 T	Bromobenzene	50.000	54.081	-8.2	72	0.00
78 T	n-propylbenzene	50.000	50.880	-1.8	69	0.00
79 T	2-Chlorotoluene	50.000	50.905	-1.8	69	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.710	-3.4	70	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	47.286	5.4	60	0.00
82 T	4-Chlorotoluene	50.000	50.174	-0.3	68	0.00
83 T	tert-Butylbenzene	50.000	52.128	-4.3	70	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.944	-3.9	70	0.00
85 T	sec-Butylbenzene	50.000	51.477	-3.0	69	0.00
86 T	p-Isopropyltoluene	50.000	51.510	-3.0	69	0.00
87 T	1,3-Dichlorobenzene	50.000	53.151	-6.3	71	0.00
88 T	1,4-Dichlorobenzene	50.000	53.301	-6.6	72	0.00
89 T	n-Butylbenzene	50.000	50.085	-0.2	67	0.00
90 T	Hexachloroethane	50.000	52.101	-4.2	69	0.00
91 T	1,2-Dichlorobenzene	50.000	54.277	-8.6	72	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	48.221	3.6	62	0.00
93 T	1,2,4-Trichlorobenzene	50.000	54.152	-8.3	71	0.00
94 T	Hexachlorobutadiene	50.000	52.431	-4.9	69	0.00
95 T	Naphthalene	50.000	53.892	-7.8	69	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	55.197	-10.4	72	0.00

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