

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072221\
 Data File : VY005415.D
 Acq On : 22 Jul 2021 16:41
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY072221

Quant Time: Jul 23 06:25:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:20:14 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	110	0.00
2 T	Dichlorodifluoromethane	50.000	47.054	5.9	121	0.00
3 P	Chloromethane	50.000	49.467	1.1	122	0.00
4 C	Vinyl Chloride	50.000	48.948	2.1#	121	0.00
5 T	Bromomethane	50.000	51.770	-3.5	113	0.00
6 T	Chloroethane	50.000	52.695	-5.4	117	0.00
7 T	Trichlorofluoromethane	50.000	51.099	-2.2	115	0.00
8 T	Diethyl Ether	50.000	53.196	-6.4	118	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	52.672	-5.3	122	0.00
10 T	Methyl Iodide	50.000	56.497	-13.0	129	0.00
11 T	Tert butyl alcohol	250.000	247.744	0.9	126	-0.02
12 CM	1,1-Dichloroethene	50.000	52.864	-5.7#	120	0.00
13 T	Acrolein	250.000	223.932	10.4	123	0.00
14 T	Allyl chloride	50.000	52.849	-5.7	119	0.00
15 T	Acrylonitrile	250.000	263.041	-5.2	120	0.00
16 T	Acetone	250.000	258.599	-3.4	134	0.00
17 T	Carbon Disulfide	50.000	52.093	-4.2	120	0.00
18 T	Methyl Acetate	50.000	51.416	-2.8	121	0.00
19 T	Methyl tert-butyl Ether	50.000	54.864	-9.7	118	0.00
20 T	Methylene Chloride	50.000	55.331	-10.7	123	0.00
21 T	trans-1,2-Dichloroethene	50.000	53.208	-6.4	118	0.00
22 T	Diisopropyl ether	50.000	49.413	1.2	104	0.00
23 T	Vinyl Acetate	250.000	273.899	-9.6	113	0.00
24 P	1,1-Dichloroethane	50.000	55.828	-11.7	118	0.00
25 T	2-Butanone	250.000	239.656	4.1	108	0.00
26 T	2,2-Dichloropropane	50.000	48.747	2.5	106	0.00
27 T	cis-1,2-Dichloroethene	50.000	48.824	2.4	103	0.00
28 T	Bromochloromethane	50.000	45.048	9.9	99	0.00
29 T	Tetrahydrofuran	250.000	245.925	1.6	106	0.00
30 C	Chloroform	50.000	49.924	0.2#	101	0.00
31 T	Cyclohexane	50.000	47.311	5.4	106	0.00
32 T	1,1,1-Trichloroethane	50.000	50.025	-0.0	103	0.00
33 S	1,2-Dichloroethane-d4	50.000	48.504	3.0	96	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	107	0.00
35 S	Dibromofluoromethane	50.000	49.529	0.9	97	0.00
36 T	1,1-Dichloropropene	50.000	50.704	-1.4	104	0.00
37 T	Ethyl Acetate	50.000	49.687	0.6	102	0.00
38 T	Carbon Tetrachloride	50.000	50.586	-1.2	104	0.00
39 T	Methylcyclohexane	50.000	49.798	0.4	104	0.00
40 TM	Benzene	50.000	50.440	-0.9	102	0.00
41 T	Methacrylonitrile	50.000	54.662	-9.3	107	0.00
42 TM	1,2-Dichloroethane	50.000	50.722	-1.4	102	0.00
43 T	Isopropyl Acetate	50.000	51.489	-3.0	103	0.00
44 TM	Trichloroethene	50.000	50.394	-0.8	103	0.00
45 C	1,2-Dichloropropane	50.000	50.079	-0.2#	102	0.00
46 T	Dibromomethane	50.000	50.840	-1.7	102	0.00
47 T	Bromodichloromethane	50.000	51.669	-3.3	102	0.00
48 T	Methyl methacrylate	50.000	50.614	-1.2	102	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	1012.837	-1.3	105	-0.02
50 S	Toluene-d8	50.000	49.413	1.2	97	0.00
51 T	4-Methyl-2-Pentanone	250.000	256.376	-2.6	104	0.00
52 CM	Toluene	50.000	50.573	-1.1#	102	0.00
53 T	t-1,3-Dichloropropene	50.000	51.268	-2.5	102	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.154	-2.3	103	0.00
55 T	1,1,2-Trichloroethane	50.000	50.905	-1.8	101	0.00
56 T	Ethyl methacrylate	50.000	52.110	-4.2	102	0.00
57 T	1,3-Dichloropropane	50.000	50.845	-1.7	102	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	270.240	-8.1	106	0.00
59 T	2-Hexanone	250.000	258.474	-3.4	105	0.00
60 T	Dibromochloromethane	50.000	51.411	-2.8	101	0.00
61 T	1,2-Dibromoethane	50.000	51.410	-2.8	102	0.00
62 S	4-Bromofluorobenzene	50.000	48.683	2.6	96	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	107	0.00
64 T	Tetrachloroethene	50.000	49.088	1.8	102	0.00
65 PM	Chlorobenzene	50.000	49.895	0.2	102	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.567	-1.1	102	0.00
67 C	Ethyl Benzene	50.000	50.272	-0.5#	102	0.00
68 T	m/p-Xylenes	100.000	100.543	-0.5	103	0.00
69 T	o-Xylene	50.000	49.963	0.1	101	0.00
70 T	Styrene	50.000	50.859	-1.7	101	0.00
71 P	Bromoform	50.000	51.009	-2.0	100	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	107	0.00
73 T	Isopropylbenzene	50.000	51.830	-3.7	103	0.00
74 T	N-amyl acetate	50.000	52.670	-5.3	103	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	51.986	-4.0	103	0.00
76 T	1,2,3-Trichloropropane	50.000	51.786	-3.6	105	0.00
77 T	Bromobenzene	50.000	51.403	-2.8	101	0.00
78 T	n-propylbenzene	50.000	51.673	-3.3	104	0.00
79 T	2-Chlorotoluene	50.000	51.193	-2.4	102	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.277	-2.6	102	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	51.096	-2.2	104	0.00
82 T	4-Chlorotoluene	50.000	51.103	-2.2	103	0.00
83 T	tert-Butylbenzene	50.000	51.867	-3.7	104	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.265	-2.5	102	0.00
85 T	sec-Butylbenzene	50.000	51.950	-3.9	105	0.00
86 T	p-Isopropyltoluene	50.000	51.597	-3.2	105	0.00
87 T	1,3-Dichlorobenzene	50.000	51.509	-3.0	102	0.00
88 T	1,4-Dichlorobenzene	50.000	51.203	-2.4	104	0.00
89 T	n-Butylbenzene	50.000	51.293	-2.6	105	0.00
90 T	Hexachloroethane	50.000	51.561	-3.1	103	0.00
91 T	1,2-Dichlorobenzene	50.000	50.926	-1.9	102	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	51.846	-3.7	107	0.00
93 T	1,2,4-Trichlorobenzene	50.000	50.384	-0.8	104	0.00
94 T	Hexachlorobutadiene	50.000	50.277	-0.6	104	0.00
95 T	Naphthalene	50.000	51.719	-3.4	105	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.628	-1.3	103	0.00

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