

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052721\
 Data File : VY004890.D
 Acq On : 27 May 2021 10:38
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: May 27 14:22:33 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	132	0.00
2 T	Dichlorodifluoromethane	50.000	47.424	5.2	124	0.00
3 P	Chloromethane	50.000	44.014	12.0	121	0.00
4 C	Vinyl Chloride	50.000	42.526	14.9#	116	0.00
5 T	Bromomethane	50.000	49.164	1.7	131	0.00
6 T	Chloroethane	50.000	44.012	12.0	115	0.00
7 T	Trichlorofluoromethane	50.000	48.987	2.0	127	0.00
8 T	Diethyl Ether	50.000	50.980	-2.0	138	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	52.703	-5.4	139	0.00
10 T	Methyl Iodide	50.000	41.348	17.3	106	0.00
11 T	Tert butyl alcohol	250.000	228.144	8.7	138	0.00
12 CM	1,1-Dichloroethene	50.000	52.459	-4.9#	137	0.00
13 T	Acrolein	250.000	206.909	17.2	114	0.00
14 T	Allyl chloride	50.000	51.400	-2.8	134	0.00
15 T	Acrylonitrile	250.000	249.314	0.3	134	0.00
16 T	Acetone	250.000	201.120	19.6	110	0.00
17 T	Carbon Disulfide	50.000	50.712	-1.4	131	0.00
18 T	Methyl Acetate	50.000	49.099	1.8	136	0.00
19 T	Methyl tert-butyl Ether	50.000	50.614	-1.2	134	0.00
20 T	Methylene Chloride	50.000	51.960	-3.9	135	0.00
21 T	trans-1,2-Dichloroethene	50.000	52.097	-4.2	134	0.00
22 T	Diisopropyl ether	50.000	50.891	-1.8	131	0.00
23 T	Vinyl Acetate	250.000	245.738	1.7	127	0.00
24 P	1,1-Dichloroethane	50.000	52.528	-5.1	137	0.00
25 T	2-Butanone	250.000	220.990	11.6	120	0.00
26 T	2,2-Dichloropropane	50.000	51.598	-3.2	134	0.00
27 T	cis-1,2-Dichloroethene	50.000	51.858	-3.7	135	0.00
28 T	Bromochloromethane	50.000	51.096	-2.2	132	0.00
29 T	Tetrahydrofuran	250.000	233.681	6.5	125	0.00
30 C	Chloroform	50.000	50.463	-0.9#	131	0.00
31 T	Cyclohexane	50.000	48.384	3.2	130	0.00
32 T	1,1,1-Trichloroethane	50.000	49.316	1.4	128	0.00
33 S	1,2-Dichloroethane-d4	50.000	48.161	3.7	126	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	133	0.00
35 S	Dibromofluoromethane	50.000	52.713	-5.4	130	0.00
36 T	1,1-Dichloropropene	50.000	49.853	0.3	129	0.00
37 T	Ethyl Acetate	50.000	46.819	6.4	128	0.00
38 T	Carbon Tetrachloride	50.000	51.525	-3.0	129	0.00
39 T	Methylcyclohexane	50.000	48.083	3.8	120	0.00
40 TM	Benzene	50.000	50.694	-1.4	130	0.00
41 T	Methacrylonitrile	50.000	49.669	0.7	119	0.00
42 TM	1,2-Dichloroethane	50.000	47.404	5.2	123	0.00
43 T	Isopropyl Acetate	50.000	47.018	6.0	123	0.00
44 TM	Trichloroethene	50.000	48.736	2.5	124	0.00
45 C	1,2-Dichloropropane	50.000	48.044	3.9#	124	0.00
46 T	Dibromomethane	50.000	46.185	7.6	121	0.00
47 T	Bromodichloromethane	50.000	49.109	1.8	127	0.00
48 T	Methyl methacrylate	50.000	45.129	9.7	119	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	915.391	8.5	123	0.00
50 S	Toluene-d8	50.000	49.691	0.6	125	0.00
51 T	4-Methyl-2-Pentanone	250.000	227.762	8.9	120	0.00
52 CM	Toluene	50.000	49.032	1.9#	125	0.00
53 T	t-1,3-Dichloropropene	50.000	46.824	6.4	120	0.00
54 T	cis-1,3-Dichloropropene	50.000	50.588	-1.2	130	0.00
55 T	1,1,2-Trichloroethane	50.000	47.111	5.8	124	0.00
56 T	Ethyl methacrylate	50.000	47.774	4.5	122	0.00
57 T	1,3-Dichloropropane	50.000	46.935	6.1	121	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	241.088	3.6	132	0.00
59 T	2-Hexanone	250.000	217.850	12.9	113	0.00
60 T	Dibromochloromethane	50.000	46.655	6.7	122	0.00
61 T	1,2-Dibromoethane	50.000	47.210	5.6	120	0.00
62 S	4-Bromofluorobenzene	50.000	50.885	-1.8	129	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	127	0.00
64 T	Tetrachloroethene	50.000	48.087	3.8	118	0.00
65 PM	Chlorobenzene	50.000	50.722	-1.4	124	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	51.089	-2.2	126	0.00
67 C	Ethyl Benzene	50.000	51.833	-3.7#	125	0.00
68 T	m/p-Xylenes	100.000	99.830	0.2	119	0.00
69 T	o-Xylene	50.000	51.293	-2.6	123	0.00
70 T	Styrene	50.000	52.614	-5.2	124	0.00
71 P	Bromoform	50.000	49.667	0.7	123	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	117	0.00
73 T	Isopropylbenzene	50.000	55.878	-11.8	123	0.00
74 T	N-amyl acetate	50.000	49.980	0.0	112	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	52.382	-4.8	121	0.00
76 T	1,2,3-Trichloropropane	50.000	55.953	-11.9	129	0.00
77 T	Bromobenzene	50.000	54.059	-8.1	124	0.00
78 T	n-propylbenzene	50.000	56.884	-13.8	125	0.00
79 T	2-Chlorotoluene	50.000	55.810	-11.6	125	0.00
80 T	1,3,5-Trimethylbenzene	50.000	56.246	-12.5	123	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	52.683	-5.4	121	0.00
82 T	4-Chlorotoluene	50.000	55.406	-10.8	123	0.00
83 T	tert-Butylbenzene	50.000	56.541	-13.1	122	0.00
84 T	1,2,4-Trimethylbenzene	50.000	55.458	-10.9	122	0.00
85 T	sec-Butylbenzene	50.000	56.233	-12.5	122	0.00
86 T	p-Isopropyltoluene	50.000	54.914	-9.8	119	0.00
87 T	1,3-Dichlorobenzene	50.000	52.189	-4.4	118	0.00
88 T	1,4-Dichlorobenzene	50.000	52.708	-5.4	119	0.00
89 T	n-Butylbenzene	50.000	54.388	-8.8	117	0.00
90 T	Hexachloroethane	50.000	54.933	-9.9	120	0.00
91 T	1,2-Dichlorobenzene	50.000	51.949	-3.9	117	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	45.385	9.2	111	0.00
93 T	1,2,4-Trichlorobenzene	50.000	52.945	-5.9	118	0.00
94 T	Hexachlorobutadiene	50.000	52.953	-5.9	116	0.00
95 T	Naphthalene	50.000	51.748	-3.5	115	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.562	-3.1	116	0.00

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