

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051721\
 Data File : VY004793.D
 Acq On : 17 May 2021 10:08
 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 18 01:00:40 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	125	0.00
2 T	Dichlorodifluoromethane	50.000	49.053	1.9	122	0.00
3 P	Chloromethane	50.000	46.755	6.5	122	0.00
4 C	Vinyl Chloride	50.000	47.153	5.7#	122	0.00
5 T	Bromomethane	50.000	51.592	-3.2	130	0.00
6 T	Chloroethane	50.000	50.617	-1.2	126	0.00
7 T	Trichlorofluoromethane	50.000	54.177	-8.4	134	0.00
8 T	Diethyl Ether	50.000	52.846	-5.7	136	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	54.306	-8.6	136	0.00
10 T	Methyl Iodide	50.000	54.963	-9.9	133	0.00
11 T	Tert butyl alcohol	250.000	245.860	1.7	141	0.00
12 CM	1,1-Dichloroethene	50.000	53.083	-6.2#	132	0.00
13 T	Acrolein	250.000	218.393	12.6	114	0.00
14 T	Allyl chloride	50.000	53.103	-6.2	132	0.00
15 T	Acrylonitrile	250.000	261.179	-4.5	134	0.00
16 T	Acetone	250.000	206.387	17.4	108	0.00
17 T	Carbon Disulfide	50.000	52.910	-5.8	129	0.00
18 T	Methyl Acetate	50.000	50.619	-1.2	133	0.00
19 T	Methyl tert-butyl Ether	50.000	55.239	-10.5	139	0.00
20 T	Methylene Chloride	50.000	48.213	3.6	120	0.00
21 T	trans-1,2-Dichloroethene	50.000	53.348	-6.7	130	0.00
22 T	Diisopropyl ether	50.000	54.834	-9.7	134	0.00
23 T	Vinyl Acetate	250.000	269.909	-8.0	132	0.00
24 P	1,1-Dichloroethane	50.000	54.862	-9.7	136	0.00
25 T	2-Butanone	250.000	233.024	6.8	120	0.00
26 T	2,2-Dichloropropane	50.000	56.782	-13.6	140	0.00
27 T	cis-1,2-Dichloroethene	50.000	55.386	-10.8	137	0.00
28 T	Bromochloromethane	50.000	50.131	-0.3	123	0.00
29 T	Tetrahydrofuran	250.000	260.690	-4.3	133	0.00
30 C	Chloroform	50.000	55.335	-10.7#	137	0.00
31 T	Cyclohexane	50.000	52.161	-4.3	133	0.00
32 T	1,1,1-Trichloroethane	50.000	55.969	-11.9	138	0.00
33 S	1,2-Dichloroethane-d4	50.000	52.461	-4.9	131	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	125	0.00
35 S	Dibromofluoromethane	50.000	54.810	-9.6	127	0.00
36 T	1,1-Dichloropropene	50.000	56.039	-12.1	136	0.00
37 T	Ethyl Acetate	50.000	53.205	-6.4	137	0.00
38 T	Carbon Tetrachloride	50.000	59.010	-18.0	139	0.00
39 T	Methylcyclohexane	50.000	57.706	-15.4	136	0.00
40 TM	Benzene	50.000	55.600	-11.2	134	0.00
41 T	Methacrylonitrile	50.000	46.941	6.1	106	0.00
42 TM	1,2-Dichloroethane	50.000	56.151	-12.3	137	0.00
43 T	Isopropyl Acetate	50.000	54.553	-9.1	134	0.00
44 TM	Trichloroethene	50.000	55.764	-11.5	133	0.00
45 C	1,2-Dichloropropane	50.000	55.032	-10.1#	133	0.00
46 T	Dibromomethane	50.000	53.950	-7.9	133	0.00
47 T	Bromodichloromethane	50.000	53.868	-7.7	131	0.00
48 T	Methyl methacrylate	50.000	54.683	-9.4	135	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	1141.129	-14.1	144	0.00
50 S	Toluene-d8	50.000	51.250	-2.5	122	0.00
51 T	4-Methyl-2-Pentanone	250.000	265.799	-6.3	132	0.00
52 CM	Toluene	50.000	54.615	-9.2#	130	0.00
53 T	t-1,3-Dichloropropene	50.000	54.480	-9.0	131	0.00
54 T	cis-1,3-Dichloropropene	50.000	54.215	-8.4	131	0.00
55 T	1,1,2-Trichloroethane	50.000	54.207	-8.4	134	0.00
56 T	Ethyl methacrylate	50.000	55.898	-11.8	134	0.00
57 T	1,3-Dichloropropane	50.000	54.435	-8.9	132	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	249.708	0.1	129	0.00
59 T	2-Hexanone	250.000	265.364	-6.1	129	0.00
60 T	Dibromochloromethane	50.000	53.691	-7.4	132	0.00
61 T	1,2-Dibromoethane	50.000	53.949	-7.9	130	0.00
62 S	4-Bromofluorobenzene	50.000	52.443	-4.9	125	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	119	0.00
64 T	Tetrachloroethene	50.000	55.368	-10.7	127	0.00
65 PM	Chlorobenzene	50.000	56.994	-14.0	130	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	57.165	-14.3	131	0.00
67 C	Ethyl Benzene	50.000	57.950	-15.9#	130	0.00
68 T	m/p-Xylenes	100.000	116.354	-16.4	130	0.00
69 T	o-Xylene	50.000	58.491	-17.0	131	0.00
70 T	Styrene	50.000	59.446	-18.9	131	0.00
71 P	Bromoform	50.000	56.878	-13.8	131	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	117	0.00
73 T	Isopropylbenzene	50.000	59.365	-18.7	131	0.00
74 T	N-amyl acetate	50.000	56.843	-13.7	128	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	56.789	-13.6	131	0.00
76 T	1,2,3-Trichloropropane	50.000	59.133	-18.3	136	0.00
77 T	Bromobenzene	50.000	56.864	-13.7	130	0.00
78 T	n-propylbenzene	50.000	58.647	-17.3	128	0.00
79 T	2-Chlorotoluene	50.000	58.800	-17.6	131	0.00
80 T	1,3,5-Trimethylbenzene	50.000	59.381	-18.8	130	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	56.717	-13.4	130	0.00
82 T	4-Chlorotoluene	50.000	58.960	-17.9	131	0.00
83 T	tert-Butylbenzene	50.000	59.427	-18.9	128	0.00
84 T	1,2,4-Trimethylbenzene	50.000	59.053	-18.1	130	0.00
85 T	sec-Butylbenzene	50.000	59.736	-19.5	129	0.00
86 T	p-Isopropyltoluene	50.000	60.015	-20.0	130	0.00
87 T	1,3-Dichlorobenzene	50.000	56.626	-13.3	128	0.00
88 T	1,4-Dichlorobenzene	50.000	56.911	-13.8	128	0.00
89 T	n-Butylbenzene	50.000	59.172	-18.3	127	0.00
90 T	Hexachloroethane	50.000	60.085	-20.2	132	0.00
91 T	1,2-Dichlorobenzene	50.000	57.168	-14.3	129	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	52.288	-4.6	128	0.00
93 T	1,2,4-Trichlorobenzene	50.000	56.743	-13.5	126	0.00
94 T	Hexachlorobutadiene	50.000	57.159	-14.3	125	0.00
95 T	Naphthalene	50.000	57.497	-15.0	128	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	56.726	-13.5	128	0.00

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