

Data Path : Z:\voasrv\HPCHEM1\MSVOA Y\Data\vy071320\  
 Data File : VY003177.D  
 Acq On : 13 Jul 2020 10:06  
 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: Jul 14 04:01:17 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y071020S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jul 10 13:18:03 2020  
 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	114	0.00
2 T	Dichlorodifluoromethane	0.358	0.319	10.9	118	0.00
3 P	Chloromethane	0.497	0.483	2.8	124	0.00
4 C	Vinyl Chloride	0.510	0.480	5.9#	118	0.00
5 T	Bromomethane	0.379	0.345	9.0	119	0.00
6 T	Chloroethane	0.335	0.315	6.0	117	0.00
7 T	Trichlorofluoromethane	0.728	0.703	3.4	120	0.00
8 T	Diethyl Ether	0.244	0.234	4.1	118	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.440	0.429	2.5	120	0.00
10 T	Methyl Iodide	0.478	0.466	2.5	111	0.00
11 T	Tert butyl alcohol	0.046	0.041	10.9	116	0.00
12 CM	1,1-Dichloroethene	0.416	0.409	1.7#	121	0.00
13 T	Acrolein	0.040	0.050	-25.0#	166#	0.00
14 T	Allyl chloride	0.617	0.627	-1.6	122	0.00
15 T	Acrylonitrile	0.117	0.115	1.7	119	0.00
16 T	Acetone	0.094	0.100	-6.4	126	0.00
17 T	Carbon Disulfide	1.277	1.271	0.5	122	0.00
18 T	Methyl Acetate	0.262	0.255	2.7	122	0.00
19 T	Methyl tert-butyl Ether	1.166	1.154	1.0	120	0.00
20 T	Methylene Chloride	0.560	0.442	21.1	108	0.00
21 T	trans-1,2-Dichloroethene	0.471	0.462	1.9	119	0.00
22 T	Diisopropyl ether	1.370	1.381	-0.8	120	0.00
23 T	Vinyl Acetate	0.913	0.922	-1.0	119	0.00
24 P	1,1-Dichloroethane	0.794	0.790	0.5	120	0.00
25 T	2-Butanone	0.155	0.152	1.9	119	0.00
26 T	2,2-Dichloropropane	0.715	0.740	-3.5	126	0.00
27 T	cis-1,2-Dichloroethene	0.518	0.518	0.0	121	0.00
28 T	Bromochloromethane	0.344	0.331	3.8	114	0.00
29 T	Tetrahydrofuran	0.104	0.100	3.8	116	0.00
30 C	Chloroform	0.818	0.809	1.1#	120	0.00
31 T	Cyclohexane	0.768	0.744	3.1	120	0.00
32 T	1,1,1-Trichloroethane	0.736	0.737	-0.1	122	0.00
33 S	1,2-Dichloroethane-d4	0.422	0.391	7.3	111	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	115	0.00
35 S	Dibromofluoromethane	0.288	0.268	6.9	111	0.00
36 T	1,1-Dichloropropene	0.453	0.452	0.2	120	0.00
37 T	Ethyl Acetate	0.244	0.244	0.0	119	0.00
38 T	Carbon Tetrachloride	0.468	0.473	-1.1	120	0.00
39 T	Methylcyclohexane	0.569	0.565	0.7	120	0.00
40 TM	Benzene	1.248	1.241	0.6	120	0.00
41 T	Methacrylonitrile	0.147	0.154	-4.8	123	0.00
42 TM	1,2-Dichloroethane	0.384	0.378	1.6	120	0.00
43 T	Isopropyl Acetate	0.472	0.464	1.7	117	0.00
44 TM	Trichloroethene	0.383	0.379	1.0	120	0.00
45 C	1,2-Dichloropropane	0.323	0.318	1.5#	119	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.189	0.186	1.6	118	0.00
47 T	Bromodichloromethane	0.448	0.451	-0.7	121	0.00
48 T	Methyl methacrylate	0.211	0.213	-0.9	119	0.00
49 T	1,4-Dioxane	0.002	0.002	0.0	114	0.00
50 S	Toluene-d8	1.070	0.977	8.7	111	0.00
51 T	4-Methyl-2-Pentanone	0.246	0.243	1.2	117	0.00
52 CM	Toluene	0.798	0.796	0.3#	120	0.00
53 T	t-1,3-Dichloropropene	0.465	0.477	-2.6	121	0.00
54 T	cis-1,3-Dichloropropene	0.535	0.543	-1.5	122	0.00
55 T	1,1,2-Trichloroethane	0.267	0.262	1.9	119	0.00
56 T	Ethyl methacrylate	0.363	0.371	-2.2	118	0.00
57 T	1,3-Dichloropropane	0.453	0.446	1.5	118	0.00
58 T	2-Chloroethyl Vinyl ether	0.185	0.175	5.4	112	0.00
59 T	2-Hexanone	0.171	0.173	-1.2	119	0.00
60 T	Dibromochloromethane	0.336	0.337	-0.3	120	0.00
61 T	1,2-Dibromoethane	0.264	0.257	2.7	119	0.00
62 S	4-Bromofluorobenzene	0.386	0.353	8.5	113	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	113	0.00
64 T	Tetrachloroethene	0.446	0.434	2.7	118	0.00
65 PM	Chlorobenzene	0.963	0.969	-0.6	120	0.00
66 T	1,1,1,2-Tetrachloroethane	0.374	0.374	0.0	120	0.00
67 C	Ethyl Benzene	1.720	1.739	-1.1#	120	0.00
68 T	m/p-Xylenes	0.653	0.660	-1.1	121	0.00
69 T	o-Xylene	0.610	0.618	-1.3	120	0.00
70 T	Styrene	1.043	1.057	-1.3	119	0.00
71 P	Bromoform	0.246	0.250	-1.6	119	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	110	0.00
73 T	Isopropylbenzene	3.186	3.278	-2.9	120	0.00
74 T	N-amyl acetate	0.894	0.931	-4.1	118	0.00
75 P	1,1,2,2-Tetrachloroethane	0.615	0.629	-2.3	120	0.00
76 T	1,2,3-Trichloropropane	0.443	0.483	-9.0	128	0.00
77 T	Bromobenzene	0.812	0.833	-2.6	120	0.00
78 T	n-propylbenzene	3.756	3.895	-3.7	120	0.00
79 T	2-Chlorotoluene	2.096	2.161	-3.1	120	0.00
80 T	1,3,5-Trimethylbenzene	2.656	2.716	-2.3	119	0.00
81 T	trans-1,4-Dichloro-2-butene	0.227	0.241	-6.2	122	0.00
82 T	4-Chlorotoluene	2.187	2.268	-3.7	121	0.00
83 T	tert-Butylbenzene	2.343	2.434	-3.9	120	0.00
84 T	1,2,4-Trimethylbenzene	2.672	2.743	-2.7	119	0.00
85 T	sec-Butylbenzene	3.221	3.334	-3.5	120	0.00
86 T	p-Isopropyltoluene	3.007	3.123	-3.9	120	0.00
87 T	1,3-Dichlorobenzene	1.536	1.562	-1.7	119	0.00
88 T	1,4-Dichlorobenzene	1.521	1.540	-1.2	119	0.00
89 T	n-Butylbenzene	2.829	2.943	-4.0	119	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.548	0.584	-6.6	122	0.00
91 T	1,2-Dichlorobenzene	1.348	1.359	-0.8	118	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.100	0.094	6.0	112	0.00
93 T	1,2,4-Trichlorobenzene	0.959	0.966	-0.7	118	0.00
94 T	Hexachlorobutadiene	0.657	0.659	-0.3	119	0.00
95 T	Naphthalene	1.585	1.516	4.4	112	0.00
96 T	1,2,3-Trichlorobenzene	0.758	0.721	4.9	113	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 6