

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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	125	0.00
2 T	Dichlorodifluoromethane	0.458	0.449	2.0	122	0.00
3 P	Chloromethane	0.742	0.694	6.5	122	0.00
4 C	Vinyl Chloride	0.759	0.716	5.7#	122	0.00
5 T	Bromomethane	0.387	0.400	-3.4	130	0.00
6 T	Chloroethane	0.448	0.454	-1.3	126	0.00
7 T	Trichlorofluoromethane	0.901	0.977	-8.4	134	0.00
8 T	Diethyl Ether	0.318	0.337	-6.0	136	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.511	0.555	-8.6	136	0.00
10 T	Methyl Iodide	0.547	0.601	-9.9	133	0.00
11 T	Tert butyl alcohol	0.060	0.059	1.7	141	0.00
12 CM	1,1-Dichloroethene	0.494	0.525	-6.3#	132	0.00
13 T	Acrolein	0.070	0.061	12.9	114	0.00
14 T	Allyl chloride	0.966	1.026	-6.2	132	0.00
15 T	Acrylonitrile	0.160	0.167	-4.4	134	0.00
16 T	Acetone	0.134	0.110	17.9	108	0.00
17 T	Carbon Disulfide	1.509	1.597	-5.8	129	0.00
18 T	Methyl Acetate	0.426	0.432	-1.4	133	0.00
19 T	Methyl tert-butyl Ether	1.359	1.502	-10.5	139	0.00
20 T	Methylene Chloride	0.857	0.601	29.9#	120	0.00
21 T	trans-1,2-Dichloroethene	0.562	0.599	-6.6	130	0.00
22 T	Diisopropyl ether	1.858	2.037	-9.6	134	0.00
23 T	Vinyl Acetate	1.395	1.506	-8.0	132	0.00
24 P	1,1-Dichloroethane	1.045	1.147	-9.8	136	0.00
25 T	2-Butanone	0.237	0.221	6.8	120	0.00
26 T	2,2-Dichloropropane	0.913	1.037	-13.6	140	0.00
27 T	cis-1,2-Dichloroethene	0.624	0.691	-10.7	137	0.00
28 T	Bromochloromethane	0.511	0.512	-0.2	123	0.00
29 T	Tetrahydrofuran	0.151	0.158	-4.6	133	0.00
30 C	Chloroform	1.030	1.140	-10.7#	137	0.00
31 T	Cyclohexane	0.963	1.005	-4.4	133	0.00
32 T	1,1,1-Trichloroethane	0.923	1.033	-11.9	138	0.00
33 S	1,2-Dichloroethane-d4	0.595	0.624	-4.9	131	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	125	0.00
35 S	Dibromofluoromethane	0.274	0.300	-9.5	127	0.00
36 T	1,1-Dichloropropene	0.512	0.574	-12.1	136	0.00
37 T	Ethyl Acetate	0.351	0.374	-6.6	137	0.00
38 T	Carbon Tetrachloride	0.461	0.544	-18.0	139	0.00
39 T	Methylcyclohexane	0.559	0.645	-15.4	136	0.00
40 TM	Benzene	1.449	1.611	-11.2	134	0.00
41 T	Methacrylonitrile	0.192	0.180	6.3	106	0.00
42 TM	1,2-Dichloroethane	0.457	0.514	-12.5	137	0.00
43 T	Isopropyl Acetate	0.652	0.711	-9.0	134	0.00
44 TM	Trichloroethene	0.389	0.434	-11.6	133	0.00
45 C	1,2-Dichloropropane	0.379	0.417	-10.0#	133	0.00
46 T	Dibromomethane	0.211	0.227	-7.6	133	0.00
47 T	Bromodichloromethane	0.500	0.539	-7.8	131	0.00
48 T	Methyl methacrylate	0.297	0.324	-9.1	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	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.003	-50.0#	144	0.00
50 S	Toluene-d8	1.237	1.267	-2.4	122	0.00
51 T	4-Methyl-2-Pentanone	0.351	0.373	-6.3	132	0.00
52 CM	Toluene	0.915	0.999	-9.2#	130	0.00
53 T	t-1,3-Dichloropropene	0.554	0.603	-8.8	131	0.00
54 T	cis-1,3-Dichloropropene	0.616	0.668	-8.4	131	0.00
55 T	1,1,2-Trichloroethane	0.290	0.314	-8.3	134	0.00
56 T	Ethyl methacrylate	0.419	0.469	-11.9	134	0.00
57 T	1,3-Dichloropropane	0.516	0.561	-8.7	132	0.00
58 T	2-Chloroethyl Vinyl ether	0.217	0.216	0.5	129	0.00
59 T	2-Hexanone	0.238	0.252	-5.9	129	0.00
60 T	Dibromochloromethane	0.345	0.370	-7.2	132	0.00
61 T	1,2-Dibromoethane	0.280	0.302	-7.9	130	0.00
62 S	4-Bromofluorobenzene	0.417	0.438	-5.0	125	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	119	0.00
64 T	Tetrachloroethene	0.452	0.500	-10.6	127	0.00
65 PM	Chlorobenzene	1.029	1.173	-14.0	130	0.00
66 T	1,1,1,2-Tetrachloroethane	0.374	0.428	-14.4	131	0.00
67 C	Ethyl Benzene	1.912	2.216	-15.9#	130	0.00
68 T	m/p-Xylenes	0.718	0.836	-16.4	130	0.00
69 T	o-Xylene	0.671	0.785	-17.0	131	0.00
70 T	Styrene	1.126	1.338	-18.8	131	0.00
71 P	Bromoform	0.227	0.258	-13.7	131	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	117	0.00
73 T	Isopropylbenzene	3.772	4.478	-18.7	131	0.00
74 T	N-amyl acetate	1.334	1.516	-13.6	128	0.00
75 P	1,1,2,2-Tetrachloroethane	0.753	0.855	-13.5	131	0.00
76 T	1,2,3-Trichloropropane	0.531	0.628	-18.3	136	0.00
77 T	Bromobenzene	0.852	0.969	-13.7	130	0.00
78 T	n-propylbenzene	4.603	5.399	-17.3	128	0.00
79 T	2-Chlorotoluene	2.526	2.970	-17.6	131	0.00
80 T	1,3,5-Trimethylbenzene	3.133	3.720	-18.7	130	0.00
81 T	trans-1,4-Dichloro-2-butene	0.306	0.347	-13.4	130	0.00
82 T	4-Chlorotoluene	2.623	3.093	-17.9	131	0.00
83 T	tert-Butylbenzene	2.674	3.178	-18.8	128	0.00
84 T	1,2,4-Trimethylbenzene	3.135	3.703	-18.1	130	0.00
85 T	sec-Butylbenzene	3.888	4.645	-19.5	129	0.00
86 T	p-Isopropyltoluene	3.370	4.046	-20.1	130	0.00
87 T	1,3-Dichlorobenzene	1.671	1.892	-13.2	128	0.00
88 T	1,4-Dichlorobenzene	1.646	1.874	-13.9	128	0.00
89 T	n-Butylbenzene	3.295	3.900	-18.4	127	0.00
90 T	Hexachloroethane	0.475	0.570	-20.0	132	0.00
91 T	1,2-Dichlorobenzene	1.474	1.685	-14.3	129	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.141	0.147	-4.3	128	0.00
93 T	1,2,4-Trichlorobenzene	0.949	1.077	-13.5	126	0.00
94 T	Hexachlorobutadiene	0.514	0.588	-14.4	125	0.00
95 T	Naphthalene	2.054	2.362	-15.0	128	0.00

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.840	0.953	-13.5	128	0.00

(#) = Out of Range

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