

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY051821\  
 Data File : VY004841.D  
 Acq On : 18 May 2021 20:52  
 Operator : SY/MD  
 Sample : VSTDCCC050  
 Misc : 5.00G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 LabSampleId :  
 VSTDCCC050

Quant Time: May 19 01:07:51 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	102	0.00
2 T	Dichlorodifluoromethane	0.458	0.392	14.4	87	0.00
3 P	Chloromethane	0.742	0.649	12.5	93	0.00
4 C	Vinyl Chloride	0.759	0.644	15.2#	90	0.00
5 T	Bromomethane	0.387	0.356	8.0	95	0.00
6 T	Chloroethane	0.448	0.420	6.3	95	0.00
7 T	Trichlorofluoromethane	0.901	0.864	4.1	97	0.00
8 T	Diethyl Ether	0.318	0.343	-7.9	113	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.511	0.498	2.5	100	0.00
10 T	Methyl Iodide	0.547	0.552	-0.9	100	0.00
11 T	Tert butyl alcohol	0.060	0.064	-6.7	126	0.00
12 CM	1,1-Dichloroethene	0.494	0.486	1.6#	100	0.00
13 T	Acrolein	0.070	0.066	5.7	99	0.00
14 T	Allyl chloride	0.966	1.012	-4.8	106	0.00
15 T	Acrylonitrile	0.160	0.181	-13.1	118	0.00
16 T	Acetone	0.134	0.154	-14.9	123	0.00
17 T	Carbon Disulfide	1.509	1.432	5.1	95	0.00
18 T	Methyl Acetate	0.426	0.511	-20.0	129	0.00
19 T	Methyl tert-butyl Ether	1.359	1.512	-11.3	114	0.00
20 T	Methylene Chloride	0.857	0.686	20.0	112	0.00
21 T	trans-1,2-Dichloroethene	0.562	0.582	-3.6	104	0.00
22 T	Diisopropyl ether	1.858	2.075	-11.7	112	0.00
23 T	Vinyl Acetate	1.395	1.513	-8.5	109	0.00
24 P	1,1-Dichloroethane	1.045	1.137	-8.8	110	0.00
25 T	2-Butanone	0.237	0.276	-16.5	122	0.00
26 T	2,2-Dichloropropane	0.913	0.847	7.2	93	0.00
27 T	cis-1,2-Dichloroethene	0.624	0.672	-7.7	109	0.00
28 T	Bromochloromethane	0.511	0.588	-15.1	115	0.00
29 T	Tetrahydrofuran	0.151	0.174	-15.2	119	0.00
30 C	Chloroform	1.030	1.111	-7.9#	109	0.00
31 T	Cyclohexane	0.963	0.905	6.0	98	0.00
32 T	1,1,1-Trichloroethane	0.923	0.955	-3.5	104	0.00
33 S	1,2-Dichloroethane-d4	0.595	0.678	-13.9	116	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	111	0.00
35 S	Dibromofluoromethane	0.274	0.293	-6.9	110	0.00
36 T	1,1-Dichloropropene	0.512	0.487	4.9	103	0.00
37 T	Ethyl Acetate	0.351	0.373	-6.3	122	0.00
38 T	Carbon Tetrachloride	0.461	0.443	3.9	100	0.00
39 T	Methylcyclohexane	0.559	0.523	6.4	98	0.00
40 TM	Benzene	1.449	1.456	-0.5	108	0.00
41 T	Methacrylonitrile	0.192	0.198	-3.1	104	0.00
42 TM	1,2-Dichloroethane	0.457	0.463	-1.3	110	0.00
43 T	Isopropyl Acetate	0.652	0.691	-6.0	116	0.00
44 TM	Trichloroethene	0.389	0.379	2.6	103	0.00
45 C	1,2-Dichloropropane	0.379	0.395	-4.2#	112	0.00
46 T	Dibromomethane	0.211	0.216	-2.4	112	0.00
47 T	Bromodichloromethane	0.500	0.512	-2.4	110	0.00
48 T	Methyl methacrylate	0.297	0.320	-7.7	118	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	113	0.00
50 S	Toluene-d8	1.237	1.294	-4.6	110	0.00
51 T	4-Methyl-2-Pentanone	0.351	0.380	-8.3	119	0.00
52 CM	Toluene	0.915	0.916	-0.1#	106	0.00
53 T	t-1,3-Dichloropropene	0.554	0.551	0.5	106	0.00
54 T	cis-1,3-Dichloropropene	0.616	0.608	1.3	106	0.00
55 T	1,1,2-Trichloroethane	0.290	0.300	-3.4	113	0.00
56 T	Ethyl methacrylate	0.419	0.458	-9.3	116	0.00
57 T	1,3-Dichloropropane	0.516	0.541	-4.8	113	0.00
58 T	2-Chloroethyl Vinyl ether	0.217	0.225	-3.7	119	0.00
59 T	2-Hexanone	0.238	0.263	-10.5	120	0.00
60 T	Dibromochloromethane	0.345	0.353	-2.3	112	0.00
61 T	1,2-Dibromoethane	0.280	0.292	-4.3	111	0.00
62 S	4-Bromofluorobenzene	0.417	0.447	-7.2	114	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	111	0.00
64 T	Tetrachloroethene	0.452	0.442	2.2	105	0.00
65 PM	Chlorobenzene	1.029	1.037	-0.8	107	0.00
66 T	1,1,1,2-Tetrachloroethane	0.374	0.385	-2.9	110	0.00
67 C	Ethyl Benzene	1.912	1.927	-0.8#	106	0.00
68 T	m/p-Xylenes	0.718	0.712	0.8	103	0.00
69 T	o-Xylene	0.671	0.680	-1.3	105	0.00
70 T	Styrene	1.126	1.177	-4.5	107	0.00
71 P	Bromoform	0.227	0.237	-4.4	112	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	108	0.00
73 T	Isopropylbenzene	3.772	3.757	0.4	102	0.00
74 T	N-ethyl acetate	1.334	1.420	-6.4	111	0.00
75 P	1,1,2,2-Tetrachloroethane	0.753	0.802	-6.5	114	0.00
76 T	1,2,3-Trichloropropane	0.531	0.537	-1.1	108	0.00
77 T	Bromobenzene	0.852	0.867	-1.8	108	0.00
78 T	n-propylbenzene	4.603	4.560	0.9	100	0.00
79 T	2-Chlorotoluene	2.526	2.555	-1.1	105	0.00
80 T	1,3,5-Trimethylbenzene	3.133	3.152	-0.6	102	0.00
81 T	trans-1,4-Dichloro-2-butene	0.306	0.302	1.3	105	0.00
82 T	4-Chlorotoluene	2.623	2.673	-1.9	104	0.00
83 T	tert-Butylbenzene	2.674	2.653	0.8	99	0.00
84 T	1,2,4-Trimethylbenzene	3.135	3.185	-1.6	103	0.00
85 T	sec-Butylbenzene	3.888	3.873	0.4	100	0.00
86 T	p-Isopropyltoluene	3.370	3.342	0.8	99	0.00
87 T	1,3-Dichlorobenzene	1.671	1.637	2.0	103	0.00
88 T	1,4-Dichlorobenzene	1.646	1.627	1.2	103	0.00
89 T	n-Butylbenzene	3.295	3.198	2.9	96	0.00
90 T	Hexachloroethane	0.475	0.492	-3.6	105	0.00
91 T	1,2-Dichlorobenzene	1.474	1.493	-1.3	106	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.141	0.142	-0.7	115	0.00
93 T	1,2,4-Trichlorobenzene	0.949	0.908	4.3	99	0.00
94 T	Hexachlorobutadiene	0.514	0.482	6.2	95	0.00
95 T	Naphthalene	2.054	2.190	-6.6	109	0.00

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Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T 1,2,3-Trichlorobenzene	0.840	0.825	1.8	102	0.00

(#) = Out of Range

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