

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090921\
 Data File : VY005980.D
 Acq On : 09 Sep 2021 17:36
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 10 04:46:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y083121S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 01 05:32:43 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	103	0.00
2 T	Dichlorodifluoromethane	0.446	0.396	11.2	92	0.00
3 P	Chloromethane	0.473	0.420	11.2	98	0.00
4 C	Vinyl Chloride	0.615	0.512	16.7#	92	0.00
5 T	Bromomethane	0.415	0.417	-0.5	113	0.00
6 T	Chloroethane	0.368	0.329	10.6	94	0.00
7 T	Trichlorofluoromethane	0.785	0.730	7.0	98	0.00
8 T	Diethyl Ether	0.267	0.288	-7.9	113	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.423	0.438	-3.5	108	0.00
10 T	Methyl Iodide	0.531	0.444	16.4	85	0.00
11 T	Tert butyl alcohol	0.099	0.072	27.3#	97	0.00
12 CM	1,1-Dichloroethene	0.429	0.438	-2.1#	107	0.00
13 T	Acrolein	0.021	0.018	14.3	128	0.00
14 T	Allyl chloride	0.722	0.724	-0.3	104	0.00
15 T	Acrylonitrile	0.135	0.143	-5.9	109	0.00
16 T	Acetone	0.128	0.108	15.6	83	0.00
17 T	Carbon Disulfide	1.371	1.331	2.9	101	0.00
18 T	Methyl Acetate	0.357	0.376	-5.3	112	0.00
19 T	Methyl tert-butyl Ether	1.289	1.411	-9.5	112	0.00
20 T	Methylene Chloride	0.569	0.554	2.6	111	0.00
21 T	trans-1,2-Dichloroethene	0.479	0.511	-6.7	111	0.00
22 T	Diisopropyl ether	1.467	1.577	-7.5	110	0.00
23 T	Vinyl Acetate	0.890	0.927	-4.2	104	0.00
24 P	1,1-Dichloroethane	0.837	0.914	-9.2	114	0.00
25 T	2-Butanone	0.182	0.179	1.6	99	0.00
26 T	2,2-Dichloropropane	0.783	0.746	4.7	99	0.00
27 T	cis-1,2-Dichloroethene	0.538	0.589	-9.5	112	0.00
28 T	Bromochloromethane	0.345	0.377	-9.3	105	0.00
29 T	Tetrahydrofuran	0.118	0.121	-2.5	105	0.00
30 C	Chloroform	0.858	0.933	-8.7#	113	0.00
31 T	Cyclohexane	0.850	0.796	6.4	101	0.00
32 T	1,1,1-Trichloroethane	0.799	0.810	-1.4	105	0.00
33 S	1,2-Dichloroethane-d4	0.504	0.483	4.2	98	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	108	0.00
35 S	Dibromofluoromethane	0.281	0.304	-8.2	115	0.00
36 T	1,1-Dichloropropene	0.471	0.463	1.7	105	0.00
37 T	Ethyl Acetate	0.282	0.270	4.3	102	0.00
38 T	Carbon Tetrachloride	0.510	0.489	4.1	102	0.00
39 T	Methylcyclohexane	0.596	0.580	2.7	103	0.00
40 TM	Benzene	1.330	1.386	-4.2	111	0.00
41 T	Methacrylonitrile	0.157	0.156	0.6	104	0.00
42 TM	1,2-Dichloroethane	0.432	0.420	2.8	104	0.00
43 T	Isopropyl Acetate	0.512	0.512	0.0	105	0.00
44 TM	Trichloroethene	0.373	0.386	-3.5	110	0.00
45 C	1,2-Dichloropropane	0.326	0.357	-9.5#	117	0.00
46 T	Dibromomethane	0.188	0.200	-6.4	114	0.00
47 T	Bromodichloromethane	0.456	0.484	-6.1	113	0.00
48 T	Methyl methacrylate	0.235	0.231	1.7	103	0.00

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.003	0.003	0.0	115	0.00
50 S	Toluene-d8	1.178	1.192	-1.2	105	0.00
51 T	4-Methyl-2-Pentanone	0.276	0.272	1.4	103	0.00
52 CM	Toluene	0.857	0.887	-3.5#	109	0.00
53 T	t-1,3-Dichloropropene	0.506	0.526	-4.0	109	0.00
54 T	cis-1,3-Dichloropropene	0.555	0.589	-6.1	112	0.00
55 T	1,1,2-Trichloroethane	0.269	0.300	-11.5	118	0.00
56 T	Ethyl methacrylate	0.389	0.436	-12.1	114	0.00
57 T	1,3-Dichloropropane	0.466	0.504	-8.2	114	0.00
58 T	2-Chloroethyl Vinyl ether	0.201	0.211	-5.0	112	0.00
59 T	2-Hexanone	0.193	0.191	1.0	100	0.00
60 T	Dibromochloromethane	0.330	0.369	-11.8	117	0.00
61 T	1,2-Dibromoethane	0.256	0.290	-13.3	119	0.00
62 S	4-Bromofluorobenzene	0.396	0.416	-5.1	111	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	107	0.00
64 T	Tetrachloroethene	0.409	0.416	-1.7	109	0.00
65 PM	Chlorobenzene	1.003	1.051	-4.8	111	0.00
66 T	1,1,1,2-Tetrachloroethane	0.376	0.405	-7.7	114	0.00
67 C	Ethyl Benzene	1.793	1.843	-2.8#	108	0.00
68 T	m/p-Xylenes	0.707	0.721	-2.0	106	0.00
69 T	o-Xylene	0.664	0.702	-5.7	110	0.00
70 T	Styrene	1.133	1.191	-5.1	110	0.00
71 P	Bromoform	0.248	0.275	-10.9	115	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	102	0.00
73 T	Isopropylbenzene	3.333	3.548	-6.5	108	0.00
74 T	N-amyl acetate	0.956	0.991	-3.7	102	0.00
75 P	1,1,2,2-Tetrachloroethane	0.634	0.726	-14.5	115	0.00
76 T	1,2,3-Trichloropropane	0.468	0.483	-3.2	110	0.00
77 T	Bromobenzene	0.839	0.928	-10.6	113	0.00
78 T	n-propylbenzene	3.983	4.206	-5.6	106	0.00
79 T	2-Chlorotoluene	2.217	2.432	-9.7	111	0.00
80 T	1,3,5-Trimethylbenzene	2.792	2.966	-6.2	107	0.00
81 T	trans-1,4-Dichloro-2-butene	0.246	0.258	-4.9	103	0.00
82 T	4-Chlorotoluene	2.326	2.547	-9.5	113	0.00
83 T	tert-Butylbenzene	2.441	2.617	-7.2	107	0.00
84 T	1,2,4-Trimethylbenzene	2.770	2.957	-6.8	107	0.00
85 T	sec-Butylbenzene	3.597	3.795	-5.5	105	0.00
86 T	p-Isopropyltoluene	3.117	3.242	-4.0	104	0.00
87 T	1,3-Dichlorobenzene	1.633	1.740	-6.6	107	0.00
88 T	1,4-Dichlorobenzene	1.631	1.734	-6.3	109	0.00
89 T	n-Butylbenzene	2.789	2.908	-4.3	103	0.00
90 T	Hexachloroethane	0.566	0.618	-9.2	112	0.00
91 T	1,2-Dichlorobenzene	1.448	1.576	-8.8	111	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.119	0.127	-6.7	105	0.00
93 T	1,2,4-Trichlorobenzene	0.978	1.044	-6.7	107	0.00
94 T	Hexachlorobutadiene	0.630	0.664	-5.4	105	0.00
95 T	Naphthalene	1.878	2.047	-9.0	107	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.853	0.911	-6.8	106	0.00

(#) = Out of Range

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