

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100422\
 Data File : VY010805.D
 Acq On : 04 Oct 2022 18:56
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 05 07:34:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 07:26:22 2022
 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	28#	0.00
2 T	Dichlorodifluoromethane	0.346	0.324	6.4	26#	0.00
3 P	Chloromethane	0.576	0.612	-6.3	30#	0.00
4 C	Vinyl Chloride	0.694	0.666	4.0#	27#	0.00
5 T	Bromomethane	0.492	0.467	5.1	28#	0.00
6 T	Chloroethane	0.462	0.462	0.0	28#	0.00
7 T	Trichlorofluoromethane	0.845	0.816	3.4	28#	0.00
8 T	Diethyl Ether	0.272	0.310	-14.0	32#	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.484	0.486	-0.4	28#	0.00
10 T	Methyl Iodide	0.648	0.659	-1.7	27#	0.00
11 T	Tert butyl alcohol	0.071	0.059	16.9	37#	0.00
12 CM	1,1-Dichloroethene	0.473	0.455	3.8#	27#	0.00
13 T	Acrolein	0.039	0.047	-20.5	39#	0.00
14 T	Allyl chloride	0.708	0.746	-5.4	29#	0.00
15 T	Acrylonitrile	0.132	0.185	-40.2#	40#	0.00
16 T	Acetone	0.129	0.140	-8.5	28#	0.00
17 T	Carbon Disulfide	1.528	1.518	0.7	28#	0.00
18 T	Methyl Acetate	0.329	0.444	-35.0#	41#	0.00
19 T	Methyl tert-butyl Ether	1.237	1.470	-18.8	33#	0.00
20 T	Methylene Chloride	0.678	0.693	-2.2	34#	0.00
21 T	trans-1,2-Dichloroethene	0.552	0.567	-2.7	29#	0.00
22 T	Diisopropyl ether	1.552	1.813	-16.8	32#	0.00
23 T	Vinyl Acetate	0.940	1.151	-22.4	33#	0.00
24 P	1,1-Dichloroethane	0.945	1.059	-12.1	32#	0.00
25 T	2-Butanone	0.185	0.226	-22.2	33#	0.00
26 T	2,2-Dichloropropane	0.897	0.839	6.5	27#	0.00
27 T	cis-1,2-Dichloroethene	0.613	0.663	-8.2	30#	0.00
28 T	Bromochloromethane	0.300	0.466	-55.3#	36#	0.00
29 T	Tetrahydrofuran	0.109	0.153	-40.4#	40#	0.00
30 C	Chloroform	0.975	1.098	-12.6#	32#	0.00
31 T	Cyclohexane	0.907	0.806	11.1	26#	0.00
32 T	1,1,1-Trichloroethane	0.879	0.908	-3.3	29#	0.00
33 S	1,2-Dichloroethane-d4	0.507	0.626	-23.5	34#	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	29#	0.00
35 S	Dibromofluoromethane	0.332	0.334	-0.6	31#	0.00
36 T	1,1-Dichloropropene	0.479	0.476	0.6	28#	0.00
37 T	Ethyl Acetate	0.235	0.314	-33.6#	38#	0.00
38 T	Carbon Tetrachloride	0.499	0.493	1.2	28#	0.00
39 T	Methylcyclohexane	0.589	0.518	12.1	25#	0.00
40 TM	Benzene	1.380	1.460	-5.8	30#	0.00
41 T	Methacrylonitrile	0.127	0.167	-31.5#	39#	0.01
42 TM	1,2-Dichloroethane	0.390	0.464	-19.0	34#	0.00
43 T	Isopropyl Acetate	0.426	0.528	-23.9	36#	0.00
44 TM	Trichloroethene	0.374	0.380	-1.6	29#	0.00
45 C	1,2-Dichloropropane	0.333	0.376	-12.9#	32#	0.00
46 T	Dibromomethane	0.190	0.230	-21.1	35#	0.00
47 T	Bromodichloromethane	0.459	0.527	-14.8	33#	0.00
48 T	Methyl methacrylate	0.200	0.242	-21.0	34#	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.004	-100.0#	42#	0.00
50 S	Toluene-d8	1.135	1.265	-11.5	29#	0.00
51 T	4-Methyl-2-Pentanone	0.233	0.310	-33.0#	37#	0.00
52 CM	Toluene	0.878	0.904	-3.0#	29#	0.00
53 T	t-1,3-Dichloropropene	0.476	0.523	-9.9	31#	0.00
54 T	cis-1,3-Dichloropropene	0.545	0.594	-9.0	31#	0.00
55 T	1,1,2-Trichloroethane	0.267	0.322	-20.6	35#	0.00
56 T	Ethyl methacrylate	0.343	0.410	-19.5	33#	0.00
57 T	1,3-Dichloropropane	0.454	0.548	-20.7	35#	0.00
58 T	2-Chloroethyl Vinyl ether	0.152	0.205	-34.9#	34#	0.00
59 T	2-Hexanone	0.161	0.207	-28.6#	34#	0.00
60 T	Dibromochloromethane	0.320	0.374	-16.9	33#	0.00
61 T	1,2-Dibromoethane	0.255	0.313	-22.7	35#	0.00
62 S	4-Bromofluorobenzene	0.481	0.424	11.9	29#	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	31#	0.00
64 T	Tetrachloroethene	0.396	0.394	0.5	30#	0.00
65 PM	Chlorobenzene	1.035	1.016	1.8	30#	0.00
66 T	1,1,1,2-Tetrachloroethane	0.378	0.390	-3.2	31#	0.00
67 C	Ethyl Benzene	1.863	1.728	7.2#	28#	0.00
68 T	m/p-Xylenes	0.729	0.687	5.8	28#	0.00
69 T	o-Xylene	0.682	0.649	4.8	28#	0.00
70 T	Styrene	1.149	1.127	1.9	29#	0.00
71 P	Bromoform	0.225	0.253	-12.4	34#	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	31#	0.00
73 T	Isopropylbenzene	3.676	3.306	10.1	27#	0.00
74 T	N-amyl acetate	0.845	0.868	-2.7	30#	0.00
75 P	1,1,2,2-Tetrachloroethane	0.687	0.778	-13.2	36#	0.00
76 T	1,2,3-Trichloropropane	0.506	0.591	-16.8	36#	0.00
77 T	Bromobenzene	0.843	0.828	1.8	31#	0.00
78 T	n-propylbenzene	4.477	4.007	10.5	27#	0.00
79 T	2-Chlorotoluene	2.505	2.323	7.3	29#	0.00
80 T	1,3,5-Trimethylbenzene	3.109	2.862	7.9	28#	0.00
81 T	trans-1,4-Dichloro-2-butene	0.242	0.250	-3.3	32#	0.00
82 T	4-Chlorotoluene	2.619	2.438	6.9	29#	0.00
83 T	tert-Butylbenzene	2.650	2.389	9.8	27#	0.00
84 T	1,2,4-Trimethylbenzene	3.057	2.879	5.8	28#	0.00
85 T	sec-Butylbenzene	3.990	3.584	10.2	27#	0.00
86 T	p-Isopropyltoluene	3.347	2.977	11.1	26#	0.00
87 T	1,3-Dichlorobenzene	1.711	1.616	5.6	29#	0.00
88 T	1,4-Dichlorobenzene	1.695	1.612	4.9	29#	0.00
89 T	n-Butylbenzene	3.080	2.746	10.8	26#	0.00
90 T	Hexachloroethane	0.640	0.577	9.8	28#	0.00
91 T	1,2-Dichlorobenzene	1.492	1.488	0.3	31#	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.110	0.118	-7.3	34#	0.00
93 T	1,2,4-Trichlorobenzene	0.875	0.767	12.3	27#	0.00
94 T	Hexachlorobutadiene	0.540	0.479	11.3	28#	0.00
95 T	Naphthalene	1.668	1.582	5.2	29#	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	0.746	0.699	6.3	29#	0.00

(#) = Out of Range

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