

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112222\
 Data File : VY011538.D
 Acq On : 22 Nov 2022 10:26
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Nov 23 04:05:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 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	108	0.00
2 T	Dichlorodifluoromethane	0.326	0.261	19.9	107	0.00
3 P	Chloromethane	0.482	0.447	7.3	111	0.00
4 C	Vinyl Chloride	0.566	0.540	4.6#	111	0.00
5 T	Bromomethane	0.421	0.374	11.2	111	0.00
6 T	Chloroethane	0.395	0.363	8.1	107	0.00
7 T	Trichlorofluoromethane	0.830	0.819	1.3	116	0.00
8 T	Diethyl Ether	0.268	0.278	-3.7	119	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.480	0.493	-2.7	117	0.00
10 T	Methyl Iodide	0.559	0.568	-1.6	104	0.00
11 T	Tert butyl alcohol	0.066	0.047	28.8#	101	0.00
12 CM	1,1-Dichloroethene	0.439	0.457	-4.1#	117	0.00
13 T	Acrolein	0.013	0.011	15.4	142	0.00
14 T	Allyl chloride	0.771	0.847	-9.9	119	0.00
15 T	Acrylonitrile	0.146	0.148	-1.4	115	0.00
16 T	Acetone	0.165	0.174	-5.5	119	0.00
17 T	Carbon Disulfide	1.218	1.233	-1.2	113	0.00
18 T	Methyl Acetate	0.435	0.369	15.2	114	0.00
19 T	Methyl tert-butyl Ether	1.254	1.358	-8.3	118	0.00
20 T	Methylene Chloride	0.834	0.589	29.4#	99	0.00
21 T	trans-1,2-Dichloroethene	0.508	0.534	-5.1	115	0.00
22 T	Diisopropyl ether	1.684	1.883	-11.8	118	0.00
23 T	Vinyl Acetate	0.981	1.105	-12.6	116	0.00
24 P	1,1-Dichloroethane	0.989	1.037	-4.9	118	0.00
25 T	2-Butanone	0.217	0.219	-0.9	114	0.00
26 T	2,2-Dichloropropane	0.912	0.949	-4.1	116	0.00
27 T	cis-1,2-Dichloroethene	0.598	0.640	-7.0	116	0.00
28 T	Bromochloromethane	0.397	0.393	1.0	108	0.00
29 T	Tetrahydrofuran	0.122	0.124	-1.6	113	0.00
30 C	Chloroform	1.025	1.068	-4.2#	116	0.00
31 T	Cyclohexane	0.842	0.871	-3.4	116	0.00
32 T	1,1,1-Trichloroethane	0.917	0.962	-4.9	117	0.00
33 S	1,2-Dichloroethane-d4	0.508	0.492	3.1	119	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	111	0.00
35 S	Dibromofluoromethane	0.308	0.308	0.0	121	0.00
36 T	1,1-Dichloropropene	0.481	0.496	-3.1	115	0.00
37 T	Ethyl Acetate	0.274	0.269	1.8	112	0.00
38 T	Carbon Tetrachloride	0.538	0.545	-1.3	116	0.00
39 T	Methylcyclohexane	0.537	0.581	-8.2	116	0.00
40 TM	Benzene	1.402	1.453	-3.6	115	0.00
41 T	Methacrylonitrile	0.139	0.138	0.7	119	0.00
42 TM	1,2-Dichloroethane	0.433	0.429	0.9	114	0.00
43 T	Isopropyl Acetate	0.494	0.497	-0.6	113	0.00
44 TM	Trichloroethene	0.377	0.383	-1.6	115	0.00
45 C	1,2-Dichloropropane	0.358	0.376	-5.0#	117	0.00
46 T	Dibromomethane	0.200	0.198	1.0	113	0.00
47 T	Bromodichloromethane	0.505	0.518	-2.6	116	0.00
48 T	Methyl methacrylate	0.220	0.229	-4.1	114	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	0.002	0.002	0.0	109	0.00
50 S	Toluene-d8	1.119	1.105	1.3	120	0.00
51 T	4-Methyl-2-Pentanone	0.275	0.280	-1.8	113	0.00
52 CM	Toluene	0.886	0.933	-5.3#	115	0.00
53 T	t-1,3-Dichloropropene	0.504	0.521	-3.4	115	0.00
54 T	cis-1,3-Dichloropropene	0.567	0.593	-4.6	116	0.00
55 T	1,1,2-Trichloroethane	0.287	0.285	0.7	113	0.00
56 T	Ethyl methacrylate	0.356	0.385	-8.1	117	0.00
57 T	1,3-Dichloropropane	0.485	0.495	-2.1	114	0.00
58 T	2-Chloroethyl Vinyl ether	0.175	0.171	2.3	104	0.00
59 T	2-Hexanone	0.196	0.202	-3.1	113	0.00
60 T	Dibromochloromethane	0.351	0.357	-1.7	115	0.00
61 T	1,2-Dibromoethane	0.262	0.265	-1.1	115	0.00
62 S	4-Bromofluorobenzene	0.414	0.422	-1.9	120	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	109	0.00
64 T	Tetrachloroethene	0.412	0.420	-1.9	111	0.00
65 PM	Chlorobenzene	1.047	1.108	-5.8	115	0.00
66 T	1,1,1,2-Tetrachloroethane	0.397	0.417	-5.0	112	0.00
67 C	Ethyl Benzene	1.890	2.066	-9.3#	115	0.00
68 T	m/p-Xylenes	0.720	0.784	-8.9	113	0.00
69 T	o-Xylene	0.670	0.740	-10.4	114	0.00
70 T	Styrene	1.144	1.268	-10.8	114	0.00
71 P	Bromoform	0.241	0.243	-0.8	110	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	105	0.00
73 T	Isopropylbenzene	3.616	4.100	-13.4	114	0.00
74 T	N-amyl acetate	0.893	0.983	-10.1	114	0.00
75 P	1,1,2,2-Tetrachloroethane	0.713	0.727	-2.0	112	0.00
76 T	1,2,3-Trichloropropane	0.538	0.592	-10.0	109	0.00
77 T	Bromobenzene	0.844	0.892	-5.7	112	0.00
78 T	n-propylbenzene	4.412	4.958	-12.4	113	0.00
79 T	2-Chlorotoluene	2.487	2.778	-11.7	115	0.00
80 T	1,3,5-Trimethylbenzene	3.048	3.464	-13.6	114	0.00
81 T	trans-1,4-Dichloro-2-butene	0.246	0.256	-4.1	113	0.00
82 T	4-Chlorotoluene	2.600	2.848	-9.5	113	0.00
83 T	tert-Butylbenzene	2.655	3.079	-16.0	116	0.00
84 T	1,2,4-Trimethylbenzene	3.011	3.376	-12.1	113	0.00
85 T	sec-Butylbenzene	3.962	4.491	-13.4	114	0.00
86 T	p-Isopropyltoluene	3.306	3.728	-12.8	112	0.00
87 T	1,3-Dichlorobenzene	1.719	1.817	-5.7	112	0.00
88 T	1,4-Dichlorobenzene	1.719	1.788	-4.0	111	0.00
89 T	n-Butylbenzene	3.039	3.448	-13.5	112	0.00
90 T	Hexachloroethane	0.668	0.703	-5.2	114	0.00
91 T	1,2-Dichlorobenzene	1.524	1.586	-4.1	110	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.117	0.118	-0.9	110	0.00
93 T	1,2,4-Trichlorobenzene	0.845	0.916	-8.4	114	0.00
94 T	Hexachlorobutadiene	0.525	0.562	-7.0	116	0.00
95 T	Naphthalene	1.581	1.746	-10.4	115	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.724	0.773	-6.8	114	0.00

(#) = Out of Range

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