

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022222\
 Data File : VY007571.D
 Acq On : 22 Feb 2022 10:20
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Feb 22 14:10:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 21 15:25:36 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	73	0.00
2 T	Dichlorodifluoromethane	0.620	0.719	-16.0	94	0.00
3 P	Chloromethane	0.515	0.530	-2.9	87	0.00
4 C	Vinyl Chloride	0.539	0.540	-0.2#	82	0.00
5 T	Bromomethane	0.397	0.403	-1.5	82	0.00
6 T	Chloroethane	0.335	0.329	1.8	78	0.00
7 T	Trichlorofluoromethane	1.179	1.387	-17.6	91	0.00
8 T	Diethyl Ether	0.300	0.282	6.0	77	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.579	0.595	-2.8	80	0.00
10 T	Methyl Iodide	0.692	0.747	-7.9	79	0.00
11 T	Tert butyl alcohol	0.046	0.045	2.2	83	0.00
12 CM	1,1-Dichloroethene	0.520	0.512	1.5#	78	0.00
13 T	Acrolein	0.034	0.024	29.4#	75	0.00
14 T	Allyl chloride	0.560	0.471	15.9	69	0.00
15 T	Acrylonitrile	0.115	0.097	15.7	72	0.00
16 T	Acetone	0.122	0.130	-6.6	89	0.00
17 T	Carbon Disulfide	1.366	1.269	7.1	76	0.00
18 T	Methyl Acetate	0.267	0.202	24.3	72	0.00
19 T	Methyl tert-butyl Ether	1.453	1.318	9.3	75	0.00
20 T	Methylene Chloride	0.594	0.493	17.0	73	0.00
21 T	trans-1,2-Dichloroethene	0.540	0.491	9.1	75	0.00
22 T	Diisopropyl ether	1.136	0.835	26.5#	64	0.00
23 T	Vinyl Acetate	0.766	0.636	17.0	69	0.00
24 P	1,1-Dichloroethane	0.846	0.756	10.6	72	0.00
25 T	2-Butanone	0.139	0.117	15.8	72	0.00
26 T	2,2-Dichloropropane	0.935	0.945	-1.1	79	0.00
27 T	cis-1,2-Dichloroethene	0.613	0.561	8.5	74	0.00
28 T	Bromochloromethane	0.286	0.255	10.8	77	0.00
29 T	Tetrahydrofuran	0.080	0.063	21.3	68	0.00
30 C	Chloroform	1.041	1.007	3.3#	76	0.00
31 T	Cyclohexane	0.734	0.596	18.8	70	0.00
32 T	1,1,1-Trichloroethane	1.027	1.076	-4.8	82	0.00
33 S	1,2-Dichloroethane-d4	0.518	0.465	10.2	72	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	69	0.00
35 S	Dibromofluoromethane	0.317	0.304	4.1	68	0.00
36 T	1,1-Dichloropropene	0.463	0.457	1.3	74	0.00
37 T	Ethyl Acetate	0.189	0.173	8.5	72	0.00
38 T	Carbon Tetrachloride	0.624	0.709	-13.6	84	0.00
39 T	Methylcyclohexane	0.585	0.587	-0.3	76	0.00
40 TM	Benzene	1.241	1.194	3.8	74	0.00
41 T	Methacrylonitrile	0.101	0.098	3.0	86	0.01
42 TM	1,2-Dichloroethane	0.433	0.440	-1.6	80	0.00
43 T	Isopropyl Acetate	0.393	0.360	8.4	72	0.00
44 TM	Trichloroethene	0.401	0.421	-5.0	78	0.00
45 C	1,2-Dichloropropane	0.285	0.264	7.4#	71	0.00
46 T	Dibromomethane	0.212	0.215	-1.4	77	0.00
47 T	Bromodichloromethane	0.502	0.548	-9.2	80	0.00
48 T	Methyl methacrylate	0.169	0.158	6.5	77	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	83	0.00
50 S	Toluene-d8	1.099	1.023	6.9	66	0.00
51 T	4-Methyl-2-Pentanone	0.193	0.190	1.6	78	0.00
52 CM	Toluene	0.851	0.851	0.0	77	0.00
53 T	t-1,3-Dichloropropene	0.512	0.515	-0.6	79	0.00
54 T	cis-1,3-Dichloropropene	0.550	0.543	1.3	75	0.00
55 T	1,1,2-Trichloroethane	0.280	0.269	3.9	76	0.00
56 T	Ethyl methacrylate	0.344	0.331	3.8	74	0.00
57 T	1,3-Dichloropropane	0.452	0.445	1.5	77	0.00
58 T	2-Chloroethyl Vinyl ether	0.168	0.149	11.3	67	0.00
59 T	2-Hexanone	0.139	0.143	-2.9	82	0.00
60 T	Dibromochloromethane	0.384	0.418	-8.9	82	0.00
61 T	1,2-Dibromoethane	0.282	0.288	-2.1	78	0.00
62 S	4-Bromofluorobenzene	0.398	0.359	9.8	70	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	71	0.00
64 T	Tetrachloroethene	0.402	0.433	-7.7	81	0.00
65 PM	Chlorobenzene	1.043	1.065	-2.1	79	0.00
66 T	1,1,1,2-Tetrachloroethane	0.421	0.458	-8.8	84	0.00
67 C	Ethyl Benzene	1.858	1.947	-4.8#	80	0.00
68 T	m/p-Xylenes	0.707	0.744	-5.2	81	0.00
69 T	o-Xylene	0.674	0.715	-6.1	81	0.00
70 T	Styrene	1.123	1.183	-5.3	81	0.00
71 P	Bromoform	0.260	0.284	-9.2	86	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	77	0.00
73 T	Isopropylbenzene	3.958	4.016	-1.5	81	0.00
74 T	N-amyl acetate	0.768	0.746	2.9	80	0.00
75 P	1,1,2,2-Tetrachloroethane	0.685	0.663	3.2	82	0.00
76 T	1,2,3-Trichloropropane	0.585	0.529	9.6	82	0.00
77 T	Bromobenzene	0.929	0.956	-2.9	85	0.00
78 T	n-propylbenzene	4.613	4.737	-2.7	82	0.00
79 T	2-Chlorotoluene	2.583	2.564	0.7	81	0.00
80 T	1,3,5-Trimethylbenzene	3.318	3.480	-4.9	83	0.00
81 T	trans-1,4-Dichloro-2-butene	0.239	0.222	7.1	79	0.00
82 T	4-Chlorotoluene	2.661	2.735	-2.8	84	0.00
83 T	tert-Butylbenzene	2.954	3.131	-6.0	83	0.00
84 T	1,2,4-Trimethylbenzene	3.261	3.482	-6.8	84	0.00
85 T	sec-Butylbenzene	4.265	4.517	-5.9	83	0.00
86 T	p-Isopropyltoluene	3.592	3.933	-9.5	86	0.00
87 T	1,3-Dichlorobenzene	1.763	1.875	-6.4	86	0.00
88 T	1,4-Dichlorobenzene	1.756	1.857	-5.8	85	0.00
89 T	n-Butylbenzene	3.281	3.526	-7.5	83	0.00
90 T	Hexachloroethane	0.711	0.803	-12.9	86	0.00
91 T	1,2-Dichlorobenzene	1.577	1.673	-6.1	86	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.128	0.147	-14.8	94	0.00
93 T	1,2,4-Trichlorobenzene	1.036	1.128	-8.9	85	0.00
94 T	Hexachlorobutadiene	0.625	0.738	-18.1	91	0.00
95 T	Naphthalene	2.159	2.331	-8.0	88	0.00

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96 T	1,2,3-Trichlorobenzene	0.919	1.004	-9.2	88	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 5