

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031522\
 Data File : VD072202.D
 Acq On : 15 Mar 2022 21:30
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00mL/MSVOA_D/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Mar 16 01:04:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : Sw846 8260
 QLast Update : Mon Mar 14 05:18:06 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	112	0.00
2 T	Dichlorodifluoromethane	0.462	0.404	12.6	91	0.00
3 P	Chloromethane	0.411	0.454	-10.5	114	0.00
4 C	Vinyl Chloride	0.397	0.417	-5.0#	102	0.00
5 T	Bromomethane	0.258	0.279	-8.1	115	0.00
6 T	Chloroethane	0.262	0.296	-13.0	113	0.00
7 T	Trichlorofluoromethane	0.896	0.819	8.6	94	0.00
8 T	Diethyl Ether	0.247	0.283	-14.6	126	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.571	0.527	7.7	96	-0.01
10 T	Methyl Iodide	0.457	0.474	-3.7	99	0.00
11 T	Tert butyl alcohol	0.032	0.036	-12.5	140	0.01
12 CM	1,1-Dichloroethene	0.460	0.475	-3.3#	104	0.00
13 T	Acrolein	0.029	0.022	24.1	99	0.00
14 T	Allyl chloride	0.803	0.889	-10.7	114	0.00
15 T	Acrylonitrile	0.125	0.143	-14.4	132	0.00
16 T	Acetone	0.121	0.104	14.0	96	0.00
17 T	Carbon Disulfide	0.937	1.091	-16.4	100	0.00
18 T	Methyl Acetate	0.296	0.312	-5.4	133	0.00
19 T	Methyl tert-butyl Ether	1.249	1.447	-15.9	127	0.00
20 T	Methylene Chloride	0.727	0.657	9.6	114	0.00
21 T	trans-1,2-Dichloroethene	0.508	0.558	-9.8	108	0.00
22 T	Diisopropyl ether	1.833	2.104	-14.8	124	0.00
23 T	Vinyl Acetate	0.935	1.127	-20.5	125	0.00
24 P	1,1-Dichloroethane	1.081	1.163	-7.6	115	0.00
25 T	2-Butanone	0.161	0.169	-5.0	120	0.00
26 T	2,2-Dichloropropane	0.975	0.903	7.4	98	0.00
27 T	cis-1,2-Dichloroethene	0.649	0.712	-9.7	115	0.00
28 T	Bromochloromethane	0.435	0.499	-14.7	123	0.00
29 T	Tetrahydrofuran	0.095	0.114	-20.0	134	0.00
30 C	Chloroform	1.151	1.213	-5.4#	115	0.00
31 T	Cyclohexane	0.871	0.868	0.3	100	0.00
32 T	1,1,1-Trichloroethane	1.023	1.009	1.4	105	0.00
33 S	1,2-Dichloroethane-d4	0.557	0.600	-7.7	129	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	120	0.00
35 S	Dibromofluoromethane	0.352	0.349	0.9	129	0.00
36 T	1,1-Dichloropropene	0.494	0.480	2.8	103	0.00
37 T	Ethyl Acetate	0.216	0.233	-7.9	128	0.00
38 T	Carbon Tetrachloride	0.561	0.500	10.9	99	0.00
39 T	Methylcyclohexane	0.555	0.562	-1.3	103	0.00
40 TM	Benzene	1.408	1.452	-3.1	113	0.00
41 T	Methacrylonitrile	0.126	0.162	-28.6#	149	0.00
42 TM	1,2-Dichloroethane	0.427	0.438	-2.6	118	0.00
43 T	Isopropyl Acetate	0.420	0.488	-16.2	139	0.00
44 TM	Trichloroethene	0.395	0.391	1.0	109	0.00
45 C	1,2-Dichloropropane	0.386	0.400	-3.6#	121	0.00
46 T	Dibromomethane	0.190	0.200	-5.3	122	0.00
47 T	Bromodichloromethane	0.554	0.559	-0.9	118	0.00

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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)
48 T	Methyl methacrylate	0.200	0.211	-5.5	117	0.00
49 T	1,4-Dioxane	0.002	0.002	0.0	133	0.00
50 S	Toluene-d8	1.287	1.294	-0.5	125	0.00
51 T	4-Methyl-2-Pentanone	0.220	0.244	-10.9	132	0.00
52 CM	Toluene	0.927	0.951	-2.6#	111	0.00
53 T	t-1,3-Dichloropropene	0.506	0.507	-0.2	117	0.00
54 T	cis-1,3-Dichloropropene	0.585	0.604	-3.2	118	0.00
55 T	1,1,2-Trichloroethane	0.289	0.303	-4.8	125	0.00
56 T	Ethyl methacrylate	0.339	0.404	-19.2	137	0.00
57 T	1,3-Dichloropropane	0.486	0.505	-3.9	123	0.00
58 T	2-Chloroethyl Vinyl ether	0.152	0.160	-5.3	128	0.00
59 T	2-Hexanone	0.152	0.169	-11.2	132	0.00
60 T	Dibromochloromethane	0.376	0.371	1.3	119	0.00
61 T	1,2-Dibromoethane	0.262	0.269	-2.7	120	0.00
62 S	4-Bromofluorobenzene	0.500	0.488	2.4	125	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	123	0.00
64 T	Tetrachloroethene	0.352	0.335	4.8	105	0.00
65 PM	Chlorobenzene	1.108	1.107	0.1	113	0.00
66 T	1,1,1,2-Tetrachloroethane	0.438	0.425	3.0	113	0.00
67 C	Ethyl Benzene	1.980	1.978	0.1#	111	0.00
68 T	m/p-Xylenes	0.752	0.756	-0.5	110	0.00
69 T	o-Xylene	0.719	0.741	-3.1	114	0.00
70 T	Styrene	1.256	1.278	-1.8	116	0.00
71 P	Bromoform	0.234	0.231	1.3	120	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	118	0.00
73 T	Isopropylbenzene	3.962	4.019	-1.4	108	0.00
74 T	N-amyl acetate	0.851	0.996	-17.0	133	0.00
75 P	1,1,2,2-Tetrachloroethane	0.709	0.736	-3.8	125	0.00
76 T	1,2,3-Trichloropropane	0.552	0.560	-1.4	119	0.00
77 T	Bromobenzene	0.892	0.923	-3.5	116	0.00
78 T	n-propylbenzene	4.813	4.810	0.1	107	0.00
79 T	2-Chlorotoluene	2.783	2.821	-1.4	112	0.00
80 T	1,3,5-Trimethylbenzene	3.404	3.375	0.9	109	0.00
81 T	trans-1,4-Dichloro-2-butene	0.222	0.233	-5.0	123	0.00
82 T	4-Chlorotoluene	2.882	2.903	-0.7	111	0.00
83 T	tert-Butylbenzene	2.984	2.945	1.3	108	0.00
84 T	1,2,4-Trimethylbenzene	3.354	3.359	-0.1	110	0.00
85 T	sec-Butylbenzene	4.482	4.254	5.1	102	0.00
86 T	p-Isopropyltoluene	3.688	3.567	3.3	104	0.00
87 T	1,3-Dichlorobenzene	1.869	1.826	2.3	111	0.00
88 T	1,4-Dichlorobenzene	1.853	1.797	3.0	110	0.00
89 T	n-Butylbenzene	3.515	3.337	5.1	101	0.00
90 T	Hexachloroethane	0.723	0.678	6.2	106	0.00
91 T	1,2-Dichlorobenzene	1.630	1.617	0.8	114	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.113	0.115	-1.8	120	0.00
93 T	1,2,4-Trichlorobenzene	1.079	1.037	3.9	110	0.00

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
94 T	Hexachlorobutadiene	0.628	0.544	13.4	97	0.00
95 T	Naphthalene	1.860	1.953	-5.0	121	0.00
96 T	1,2,3-Trichlorobenzene	0.934	0.904	3.2	112	0.00

(#) = Out of Range

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