

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031722\
 Data File : VD072280.D
 Acq On : 18 Mar 2022 09:32
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Mar 18 09:51:13 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	72	0.00
2 T	Dichlorodifluoromethane	0.462	0.417	9.7	60	0.00
3 P	Chloromethane	0.411	0.517	-25.8#	83	0.00
4 C	Vinyl Chloride	0.397	0.476	-19.9#	74	0.00
5 T	Bromomethane	0.258	0.336	-30.2#	88	0.00
6 T	Chloroethane	0.262	0.341	-30.2#	83	0.00
7 T	Trichlorofluoromethane	0.896	0.899	-0.3	66	0.00
8 T	Diethyl Ether	0.247	0.291	-17.8	83	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.571	0.559	2.1	65	0.00
10 T	Methyl Iodide	0.457	0.481	-5.3	64	0.00
11 T	Tert butyl alcohol	0.032	0.034	-6.3	86	0.02
12 CM	1,1-Dichloroethene	0.460	0.507	-10.2#	71	0.00
13 T	Acrolein	0.029	0.019	34.5#	54	0.00
14 T	Allyl chloride	0.803	0.944	-17.6	77	0.00
15 T	Acrylonitrile	0.125	0.157	-25.6#	92	0.00
16 T	Acetone	0.121	0.114	5.8	67	0.00
17 T	Carbon Disulfide	0.937	1.194	-27.4#	70	0.00
18 T	Methyl Acetate	0.296	0.426	-43.9#	116	0.00
19 T	Methyl tert-butyl Ether	1.249	1.490	-19.3	84	0.00
20 T	Methylene Chloride	0.727	0.728	-0.1	81	0.00
21 T	trans-1,2-Dichloroethene	0.508	0.614	-20.9	76	0.00
22 T	Diisopropyl ether	1.833	2.257	-23.1	85	0.00
23 T	Vinyl Acetate	0.935	1.155	-23.5	82	0.00
24 P	1,1-Dichloroethane	1.081	1.286	-19.0	81	0.00
25 T	2-Butanone	0.161	0.186	-15.5	84	0.00
26 T	2,2-Dichloropropane	0.975	0.873	10.5	61	0.00
27 T	cis-1,2-Dichloroethene	0.649	0.771	-18.8	80	0.00
28 T	Bromochloromethane	0.435	0.547	-25.7#	86	0.00
29 T	Tetrahydrofuran	0.095	0.122	-28.4#	92	0.00
30 C	Chloroform	1.151	1.375	-19.5#	83	0.00
31 T	Cyclohexane	0.871	0.905	-3.9	66	0.01
32 T	1,1,1-Trichloroethane	1.023	1.121	-9.6	74	0.00
33 S	1,2-Dichloroethane-d4	0.557	0.678	-21.7	93	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	79	0.00
35 S	Dibromofluoromethane	0.352	0.380	-8.0	92	0.00
36 T	1,1-Dichloropropene	0.494	0.508	-2.8	72	0.00
37 T	Ethyl Acetate	0.216	0.246	-13.9	89	0.00
38 T	Carbon Tetrachloride	0.561	0.548	2.3	72	0.00
39 T	Methylcyclohexane	0.555	0.534	3.8	64	0.00
40 TM	Benzene	1.408	1.577	-12.0	81	0.00
41 T	Methacrylonitrile	0.126	0.167	-32.5#	101	0.00
42 TM	1,2-Dichloroethane	0.427	0.481	-12.6	86	0.00
43 T	Isopropyl Acetate	0.420	0.467	-11.2	88	0.00
44 TM	Trichloroethene	0.395	0.407	-3.0	74	0.00
45 C	1,2-Dichloropropane	0.386	0.420	-8.8#	84	0.00
46 T	Dibromomethane	0.190	0.225	-18.4	90	0.00
47 T	Bromodichloromethane	0.554	0.598	-7.9	83	0.00
48 T	Methyl methacrylate	0.200	0.227	-13.5	83	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.003	-50.0#	90	0.00
50 S	Toluene-d8	1.287	1.373	-6.7	87	0.00
51 T	4-Methyl-2-Pentanone	0.220	0.260	-18.2	93	0.00
52 CM	Toluene	0.927	1.015	-9.5#	78	0.00
53 T	t-1,3-Dichloropropene	0.506	0.528	-4.3	80	0.00
54 T	cis-1,3-Dichloropropene	0.585	0.625	-6.8	81	0.00
55 T	1,1,2-Trichloroethane	0.289	0.320	-10.7	87	0.00
56 T	Ethyl methacrylate	0.339	0.393	-15.9	88	0.00
57 T	1,3-Dichloropropane	0.486	0.556	-14.4	89	0.00
58 T	2-Chloroethyl Vinyl ether	0.152	0.163	-7.2	86	0.00
59 T	2-Hexanone	0.152	0.174	-14.5	90	0.00
60 T	Dibromochloromethane	0.376	0.407	-8.2	86	0.00
61 T	1,2-Dibromoethane	0.262	0.296	-13.0	87	0.00
62 S	4-Bromofluorobenzene	0.500	0.496	0.8	84	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	81	0.00
64 T	Tetrachloroethene	0.352	0.353	-0.3	73	0.00
65 PM	Chlorobenzene	1.108	1.176	-6.1	79	0.00
66 T	1,1,1,2-Tetrachloroethane	0.438	0.455	-3.9	80	0.00
67 C	Ethyl Benzene	1.980	2.087	-5.4#	77	0.00
68 T	m/p-Xylenes	0.752	0.792	-5.3	76	0.00
69 T	o-Xylene	0.719	0.760	-5.7	77	0.00
70 T	Styrene	1.256	1.356	-8.0	81	0.00
71 P	Bromoform	0.234	0.259	-10.7	88	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	80	0.00
73 T	Isopropylbenzene	3.962	4.072	-2.8	74	0.00
74 T	N-amyl acetate	0.851	0.937	-10.1	85	0.00
75 P	1,1,2,2-Tetrachloroethane	0.709	0.774	-9.2	89	0.00
76 T	1,2,3-Trichloropropane	0.552	0.619	-12.1	89	0.00
77 T	Bromobenzene	0.892	0.944	-5.8	81	0.00
78 T	n-propylbenzene	4.813	4.865	-1.1	73	0.00
79 T	2-Chlorotoluene	2.783	2.897	-4.1	78	0.00
80 T	1,3,5-Trimethylbenzene	3.404	3.384	0.6	74	0.00
81 T	trans-1,4-Dichloro-2-butene	0.222	0.214	3.6	77	0.00
82 T	4-Chlorotoluene	2.882	2.947	-2.3	77	0.00
83 T	tert-Butylbenzene	2.984	2.942	1.4	73	0.00
84 T	1,2,4-Trimethylbenzene	3.354	3.388	-1.0	76	0.00
85 T	sec-Butylbenzene	4.482	4.375	2.4	71	0.00
86 T	p-Isopropyltoluene	3.688	3.544	3.9	70	0.00
87 T	1,3-Dichlorobenzene	1.869	1.864	0.3	77	0.00
88 T	1,4-Dichlorobenzene	1.853	1.827	1.4	76	0.00
89 T	n-Butylbenzene	3.515	3.189	9.3	66	0.00
90 T	Hexachloroethane	0.723	0.715	1.1	76	0.00
91 T	1,2-Dichlorobenzene	1.630	1.685	-3.4	81	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.113	0.122	-8.0	86	0.00
93 T	1,2,4-Trichlorobenzene	1.079	0.956	11.4	69	0.00
94 T	Hexachlorobutadiene	0.628	0.519	17.4	63	0.00
95 T	Naphthalene	1.860	1.955	-5.1	82	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	0.934	0.894	4.3	75	0.00

(#) = Out of Range

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