

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031822\
 Data File : VD072327.D
 Acq On : 19 Mar 2022 09:48
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.31G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Mar 21 01:29:37 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	76	0.00
2 T	Dichlorodifluoromethane	0.462	0.377	18.4	58	0.00
3 P	Chloromethane	0.411	0.504	-22.6	85	0.00
4 C	Vinyl Chloride	0.397	0.457	-15.1#	76	0.00
5 T	Bromomethane	0.258	0.355	-37.6#	99	0.00
6 T	Chloroethane	0.262	0.330	-26.0#	85	0.00
7 T	Trichlorofluoromethane	0.896	0.828	7.6	64	0.00
8 T	Diethyl Ether	0.247	0.323	-30.8#	97	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.571	0.528	7.5	65	0.00
10 T	Methyl Iodide	0.457	0.457	0.0	65	0.00
11 T	Tert butyl alcohol	0.032	0.037	-15.6	97	0.01
12 CM	1,1-Dichloroethene	0.460	0.470	-2.2#	70	0.00
13 T	Acrolein	0.029	0.018	37.9#	54	0.00
14 T	Allyl chloride	0.803	0.969	-20.7	84	0.00
15 T	Acrylonitrile	0.125	0.165	-32.0#	103	0.00
16 T	Acetone	0.121	0.123	-1.7	77	0.00
17 T	Carbon Disulfide	0.937	1.108	-18.2	69	0.00
18 T	Methyl Acetate	0.296	0.399	-34.8#	115	0.00
19 T	Methyl tert-butyl Ether	1.249	1.617	-29.5#	96	0.00
20 T	Methylene Chloride	0.727	0.771	-6.1	91	0.00
21 T	trans-1,2-Dichloroethene	0.508	0.600	-18.1	79	0.00
22 T	Diisopropyl ether	1.833	2.405	-31.2#	96	0.00
23 T	Vinyl Acetate	0.935	1.277	-36.6#	96	0.00
24 P	1,1-Dichloroethane	1.081	1.301	-20.4	87	0.00
25 T	2-Butanone	0.161	0.201	-24.8	96	0.00
26 T	2,2-Dichloropropane	0.975	0.854	12.4	63	0.00
27 T	cis-1,2-Dichloroethene	0.649	0.774	-19.3	85	0.00
28 T	Bromochloromethane	0.435	0.585	-34.5#	98	0.00
29 T	Tetrahydrofuran	0.095	0.132	-38.9#	105	0.00
30 C	Chloroform	1.151	1.361	-18.2#	87	0.00
31 T	Cyclohexane	0.871	0.852	2.2	66	0.00
32 T	1,1,1-Trichloroethane	1.023	1.078	-5.4	76	0.00
33 S	1,2-Dichloroethane-d4	0.557	0.681	-22.3	100	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	86	0.00
35 S	Dibromofluoromethane	0.352	0.378	-7.4	100	0.00
36 T	1,1-Dichloropropene	0.494	0.471	4.7	73	0.00
37 T	Ethyl Acetate	0.216	0.262	-21.3	103	0.00
38 T	Carbon Tetrachloride	0.561	0.491	12.5	70	0.00
39 T	Methylcyclohexane	0.555	0.488	12.1	64	0.00
40 TM	Benzene	1.408	1.501	-6.6	84	0.00
41 T	Methacrylonitrile	0.126	0.177	-40.5#	117	0.00
42 TM	1,2-Dichloroethane	0.427	0.477	-11.7	93	0.00
43 T	Isopropyl Acetate	0.420	0.499	-18.8	102	0.00
44 TM	Trichloroethene	0.395	0.387	2.0	77	0.00
45 C	1,2-Dichloropropane	0.386	0.431	-11.7#	93	0.00
46 T	Dibromomethane	0.190	0.224	-17.9	98	0.00
47 T	Bromodichloromethane	0.554	0.595	-7.4	90	0.00
48 T	Methyl methacrylate	0.200	0.235	-17.5	94	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)
49 T	1,4-Dioxane	0.002	0.003	-50.0#	104	0.00
50 S	Toluene-d8	1.287	1.319	-2.5	91	0.00
51 T	4-Methyl-2-Pentanone	0.220	0.270	-22.7	105	0.00
52 CM	Toluene	0.927	0.971	-4.7#	82	0.00
53 T	t-1,3-Dichloropropene	0.506	0.523	-3.4	86	0.00
54 T	cis-1,3-Dichloropropene	0.585	0.622	-6.3	87	0.00
55 T	1,1,2-Trichloroethane	0.289	0.313	-8.3	93	0.00
56 T	Ethyl methacrylate	0.339	0.402	-18.6	98	0.00
57 T	1,3-Dichloropropane	0.486	0.554	-14.0	97	0.00
58 T	2-Chloroethyl Vinyl ether	0.152	0.174	-14.5	100	0.00
59 T	2-Hexanone	0.152	0.183	-20.4	103	0.00
60 T	Dibromochloromethane	0.376	0.404	-7.4	93	0.00
61 T	1,2-Dibromoethane	0.262	0.294	-12.2	94	0.00
62 S	4-Bromofluorobenzene	0.500	0.500	0.0	92	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	90	0.00
64 T	Tetrachloroethene	0.352	0.322	8.5	74	0.00
65 PM	Chlorobenzene	1.108	1.121	-1.2	85	0.00
66 T	1,1,1,2-Tetrachloroethane	0.438	0.432	1.4	85	0.00
67 C	Ethyl Benzene	1.980	1.971	0.5#	81	0.00
68 T	m/p-Xylenes	0.752	0.747	0.7	80	0.00
69 T	o-Xylene	0.719	0.727	-1.1	82	0.00
70 T	Styrene	1.256	1.287	-2.5	86	0.00
71 P	Bromoform	0.234	0.243	-3.8	93	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	87	0.00
73 T	Isopropylbenzene	3.962	3.900	1.6	77	0.00
74 T	N-amyl acetate	0.851	1.018	-19.6	100	0.00
75 P	1,1,2,2-Tetrachloroethane	0.709	0.793	-11.8	99	0.00
76 T	1,2,3-Trichloropropane	0.552	0.601	-8.9	94	0.00
77 T	Bromobenzene	0.892	0.945	-5.9	88	0.00
78 T	n-propylbenzene	4.813	4.705	2.2	77	0.00
79 T	2-Chlorotoluene	2.783	2.803	-0.7	82	0.00
80 T	1,3,5-Trimethylbenzene	3.404	3.316	2.6	79	0.00
81 T	trans-1,4-Dichloro-2-butene	0.222	0.220	0.9	86	0.00
82 T	4-Chlorotoluene	2.882	2.896	-0.5	82	0.00
83 T	tert-Butylbenzene	2.984	2.889	3.2	78	0.00
84 T	1,2,4-Trimethylbenzene	3.354	3.286	2.0	79	0.00
85 T	sec-Butylbenzene	4.482	4.148	7.5	73	0.00
86 T	p-Isopropyltoluene	3.688	3.442	6.7	74	0.00
87 T	1,3-Dichlorobenzene	1.869	1.822	2.5	82	0.00
88 T	1,4-Dichlorobenzene	1.853	1.804	2.6	82	0.00
89 T	n-Butylbenzene	3.515	3.094	12.0	69	0.00
90 T	Hexachloroethane	0.723	0.706	2.4	81	0.00
91 T	1,2-Dichlorobenzene	1.630	1.655	-1.5	86	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.113	0.121	-7.1	93	0.00
93 T	1,2,4-Trichlorobenzene	1.079	1.000	7.3	78	0.00
94 T	Hexachlorobutadiene	0.628	0.502	20.1	66	0.00
95 T	Naphthalene	1.860	2.222	-19.5	102	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.934	0.911	2.5	83	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6