

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN033019\
 Data File : VN054817.D
 Acq On : 30 Mar 2019 21:45
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Mar 31 00:05:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 00:48:18 2019
 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	83	0.00
2 T	Dichlorodifluoromethane	0.506	0.163	67.8#	30#	0.00
3 P	Chloromethane	0.699	0.224	68.0#	30#	0.00
4 C	Vinyl Chloride	0.628	0.210	66.6#	31#	0.00
5 T	Bromomethane	0.379	0.071	81.3#	19#	0.00
6 T	Chloroethane	0.351	0.116	67.0#	31#	0.00
7 T	Trichlorofluoromethane	0.772	0.267	65.4#	32#	0.00
8 T	Diethyl Ether	0.249	0.092	63.1#	34#	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.406	0.132	67.5#	31#	0.00
10 T	Methyl Iodide	0.556	0.124	77.7#	18#	0.00
11 T	Tert butyl alcohol	0.035	0.018	48.6#	44#	0.02
12 CM	1,1-Dichloroethene	0.393	0.139	64.6#	33#	0.00
13 T	Acrolein	0.031	0.011	64.5#	27#	0.00
14 T	Allyl chloride	0.968	0.341	64.8#	31#	0.00
15 T	Acrylonitrile	0.195	0.085	56.4#	38#	0.00
16 T	Acetone	0.161	0.060	62.7#	36#	0.00
17 T	Carbon Disulfide	1.275	0.361	71.7#	24#	0.00
18 T	Methyl Acetate	0.464	0.193	58.4#	39#	0.00
19 T	Methyl tert-butyl Ether	1.375	0.541	60.7#	34#	0.00
20 T	Methylene Chloride	0.567	0.200	64.7#	33#	0.00
21 T	trans-1,2-Dichloroethene	0.516	0.183	64.5#	32#	0.00
22 T	Diisopropyl ether	1.915	0.728	62.0#	33#	0.00
23 T	Vinyl Acetate	1.332	0.559	58.0#	34#	0.00
24 P	1,1-Dichloroethane	1.021	0.374	63.4#	33#	0.00
25 T	2-Butanone	0.238	0.110	53.8#	38#	0.00
26 T	2,2-Dichloropropane	0.716	0.197	72.5#	23#	0.00
27 T	cis-1,2-Dichloroethene	0.583	0.214	63.3#	32#	0.00
28 T	Bromochloromethane	0.511	0.194	62.0#	33#	0.00
29 T	Tetrahydrofuran	0.165	0.075	54.5#	40#	0.00
30 C	Chloroform	0.974	0.363	62.7#	33#	0.00
31 T	Cyclohexane	1.175	0.339	71.1#	31#	0.00
32 T	1,1,1-Trichloroethane	0.807	0.303	62.5#	32#	0.00
33 S	1,2-Dichloroethane-d4	0.674	0.247	63.4#	34#	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	88	0.00
35 S	Dibromofluoromethane	0.333	0.114	65.8#	33#	0.00
36 T	1,1-Dichloropropene	0.466	0.158	66.1#	31#	0.00
37 T	Ethyl Acetate	0.342	0.143	58.2#	38#	0.00
38 T	Carbon Tetrachloride	0.453	0.151	66.7#	31#	0.00
39 T	Methylcyclohexane	0.512	0.164	68.0#	29#	0.00
40 TM	Benzene	1.333	0.482	63.8#	33#	0.00
41 T	Methacrylonitrile	0.192	0.079	58.9#	36#	0.00
42 TM	1,2-Dichloroethane	0.476	0.174	63.4#	34#	0.00
43 T	Isopropyl Acetate	0.555	0.242	56.4#	36#	0.00
44 TM	Trichloroethene	0.346	0.121	65.0#	32#	0.00
45 C	1,2-Dichloropropane	0.380	0.135	64.5#	33#	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	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.214	0.079	63.1#	34#	0.00
47 T	Bromodichloromethane	0.444	0.165	62.8#	32#	0.00
48 T	Methyl methacrylate	0.301	0.125	58.5#	36#	0.00
49 T	1,4-Dioxane	0.003	0.001	66.7#	39#	0.00
50 S	Toluene-d8	1.239	0.419	66.2#	32#	0.00
51 T	4-Methyl-2-Pentanone	0.312	0.142	54.5#	39#	0.00
52 CM	Toluene	0.793	0.285	64.1#	32#	0.00
53 T	t-1,3-Dichloropropene	0.418	0.156	62.7#	29#	0.00
54 T	cis-1,3-Dichloropropene	0.499	0.184	63.1#	30#	0.00
55 T	1,1,2-Trichloroethane	0.295	0.110	62.7#	34#	0.00
56 T	Ethyl methacrylate	0.387	0.159	58.9#	33#	0.00
57 T	1,3-Dichloropropane	0.507	0.193	61.9#	34#	0.00
58 T	2-Chloroethyl Vinyl ether	0.148	0.063	57.4#	32#	0.00
59 T	2-Hexanone	0.200	0.090	55.0#	38#	0.00
60 T	Dibromochloromethane	0.299	0.117	60.9#	31#	0.00
61 T	1,2-Dibromoethane	0.282	0.108	61.7#	33#	0.00
62 S	4-Bromofluorobenzene	0.412	0.141	65.8#	30#	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	88	0.00
64 T	Tetrachloroethene	0.384	0.126	67.2#	32#	0.00
65 PM	Chlorobenzene	0.979	0.336	65.7#	31#	0.00
66 T	1,1,1,2-Tetrachloroethane	0.366	0.132	63.9#	32#	0.00
67 C	Ethyl Benzene	1.767	0.612	65.4#	31#	0.00
68 T	m/p-Xylenes	0.654	0.225	65.6#	31#	0.00
69 T	o-Xylene	0.641	0.219	65.8#	31#	0.00
70 T	Styrene	1.025	0.371	63.8#	30#	0.00
71 P	Bromoform	0.215	0.086	60.0#	31#	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	82	0.00
73 T	Isopropylbenzene	4.087	1.343	67.1#	31#	0.00
74 T	N-amyl acetate	1.273	0.512	59.8#	34#	0.00
75 P	1,1,2,2-Tetrachloroethane	1.015	0.386	62.0#	36#	0.00
76 T	1,2,3-Trichloropropane	0.869	0.343	60.5#	36#	0.00
77 T	Bromobenzene	0.986	0.334	66.1#	31#	0.00
78 T	n-propylbenzene	4.492	1.486	66.9#	30#	0.00
79 T	2-Chlorotoluene	2.779	0.907	67.4#	31#	0.00
80 T	1,3,5-Trimethylbenzene	3.353	1.102	67.1#	30#	0.00
81 T	trans-1,4-Dichloro-2-butene	0.223	0.078	65.0#	26#	0.00
82 T	4-Chlorotoluene	2.699	0.892	67.0#	29#	0.00
83 T	tert-Butylbenzene	2.932	0.950	67.6#	31#	0.00
84 T	1,2,4-Trimethylbenzene	3.195	1.090	65.9#	30#	0.00
85 T	sec-Butylbenzene	3.643	1.188	67.4#	30#	0.00
86 T	p-Isopropyltoluene	3.213	1.026	68.1#	28#	0.00
87 T	1,3-Dichlorobenzene	1.651	0.551	66.6#	29#	0.00
88 T	1,4-Dichlorobenzene	1.620	0.540	66.7#	29#	0.00
89 T	n-Butylbenzene	2.621	0.829	68.4#	26#	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.546	0.177	67.6#	27#	0.00
91 T	1,2-Dichlorobenzene	1.667	0.558	66.5#	31#	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.140	0.061	56.4#	35#	0.00
93 T	1,2,4-Trichlorobenzene	0.803	0.271	66.3#	25#	0.00
94 T	Hexachlorobutadiene	0.542	0.150	72.3#	27#	0.00
95 T	Naphthalene	1.802	0.694	61.5#	28#	0.00
96 T	1,2,3-Trichlorobenzene	0.811	0.279	65.6#	27#	0.00

(#) = Out of Range

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