

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN040219\
 Data File : VN054890.D
 Acq On : 2 Apr 2019 9:31
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Apr 03 05:15:03 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	AvqRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	101	0.00
2 T	Dichlorodifluoromethane	0.506	0.463	8.5	98	0.00
3 P	Chloromethane	0.699	0.632	9.6	95	0.00
4 C	Vinyl Chloride	0.628	0.574	8.6#	97	0.00
5 T	Bromomethane	0.379	0.320	15.6	94	0.00
6 T	Chloroethane	0.351	0.319	9.1	99	0.00
7 T	Trichlorofluoromethane	0.772	0.736	4.7	100	0.00
8 T	Diethyl Ether	0.249	0.240	3.6	99	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.406	0.405	0.2	107	0.00
10 T	Methyl Iodide	0.556	0.530	4.7	92	0.00
11 T	Tert butyl alcohol	0.035	0.035	0.0	103	0.00
12 CM	1,1-Dichloroethene	0.393	0.376	4.3#	99	0.00
13 T	Acrolein	0.031	0.031	0.0	106	0.00
14 T	Allyl chloride	0.968	0.919	5.1	99	0.00
15 T	Acrylonitrile	0.195	0.191	2.1	100	0.00
16 T	Acetone	0.161	0.197	-22.4	128	0.00
17 T	Carbon Disulfide	1.275	1.164	8.7	96	0.00
18 T	Methyl Acetate	0.464	0.431	7.1	102	0.00
19 T	Methyl tert-butyl Ether	1.375	1.322	3.9	98	0.00
20 T	Methylene Chloride	0.567	0.531	6.3	101	0.00
21 T	trans-1,2-Dichloroethene	0.516	0.484	6.2	98	0.00
22 T	Diisopropyl ether	1.915	1.887	1.5	99	0.00
23 T	Vinyl Acetate	1.332	1.334	-0.2	97	0.00
24 P	1,1-Dichloroethane	1.021	0.980	4.0	98	0.00
25 T	2-Butanone	0.238	0.264	-10.9	108	0.00
26 T	2,2-Dichloropropane	0.716	0.729	-1.8	103	0.00
27 T	cis-1,2-Dichloroethene	0.583	0.566	2.9	100	0.00
28 T	Bromochloromethane	0.511	0.523	-2.3	104	0.00
29 T	Tetrahydrofuran	0.165	0.157	4.8	99	0.00
30 C	Chloroform	0.974	0.956	1.8#	100	0.00
31 T	Cyclohexane	1.175	0.928	21.0	98	0.00
32 T	1,1,1-Trichloroethane	0.807	0.799	1.0	100	0.00
33 S	1,2-Dichloroethane-d4	0.674	0.631	6.4	94	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	97	0.00
35 S	Dibromofluoromethane	0.333	0.325	2.4	96	0.00
36 T	1,1-Dichloropropene	0.466	0.464	0.4	100	0.00
37 T	Ethyl Acetate	0.342	0.333	2.6	99	0.00
38 T	Carbon Tetrachloride	0.453	0.441	2.6	100	0.00
39 T	Methylcyclohexane	0.512	0.525	-2.5	101	0.00
40 TM	Benzene	1.333	1.353	-1.5	100	0.00
41 T	Methacrylonitrile	0.192	0.197	-2.6	100	0.00
42 TM	1,2-Dichloroethane	0.476	0.475	0.2	100	0.00
43 T	Isopropyl Acetate	0.555	0.577	-4.0	98	0.00
44 TM	Trichloroethene	0.346	0.352	-1.7	102	0.00
45 C	1,2-Dichloropropane	0.380	0.377	0.8#	98	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	0.212	0.9	97	0.00
47 T	Bromodichloromethane	0.444	0.469	-5.6	101	0.00
48 T	Methyl methacrylate	0.301	0.297	1.3	97	0.00
49 T	1,4-Dioxane	0.003	0.003	0.0	99	0.00
50 S	Toluene-d8	1.239	1.228	0.9	95	0.00
51 T	4-Methyl-2-Pentanone	0.312	0.329	-5.4	100	0.00
52 CM	Toluene	0.793	0.818	-3.2#	100	0.00
53 T	t-1,3-Dichloropropene	0.418	0.447	-6.9	99	0.00
54 T	cis-1,3-Dichloropropene	0.499	0.545	-9.2	101	0.00
55 T	1,1,2-Trichloroethane	0.295	0.295	0.0	102	0.00
56 T	Ethyl methacrylate	0.387	0.396	-2.3	97	0.00
57 T	1,3-Dichloropropane	0.507	0.518	-2.2	98	0.00
58 T	2-Chloroethyl Vinyl ether	0.148	0.147	0.7	89	0.00
59 T	2-Hexanone	0.200	0.218	-9.0	106	0.00
60 T	Dibromochloromethane	0.299	0.319	-6.7	100	0.00
61 T	1,2-Dibromoethane	0.282	0.287	-1.8	98	0.00
62 S	4-Bromofluorobenzene	0.412	0.428	-3.9	100	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	97	0.00
64 T	Tetrachloroethene	0.384	0.383	0.3	101	0.00
65 PM	Chlorobenzene	0.979	0.979	0.0	100	0.00
66 T	1,1,1,2-Tetrachloroethane	0.366	0.370	-1.1	98	0.00
67 C	Ethyl Benzene	1.767	1.797	-1.7#	101	0.00
68 T	m/p-Xylenes	0.654	0.667	-2.0	101	0.00
69 T	o-Xylene	0.641	0.640	0.2	100	0.00
70 T	Styrene	1.025	1.083	-5.7	100	0.00
71 P	Bromoform	0.215	0.229	-6.5	100	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	100	0.00
73 T	Isopropylbenzene	4.087	3.771	7.7	101	0.00
74 T	N-amyl acetate	1.273	1.210	4.9	98	0.00
75 P	1,1,2,2-Tetrachloroethane	1.015	0.923	9.1	102	0.00
76 T	1,2,3-Trichloropropane	0.869	0.810	6.8	106	0.00
77 T	Bromobenzene	0.986	0.932	5.5	101	0.00
78 T	n-propylbenzene	4.492	4.335	3.5	102	0.00
79 T	2-Chlorotoluene	2.779	2.599	6.5	102	0.00
80 T	1,3,5-Trimethylbenzene	3.353	3.179	5.2	102	0.00
81 T	trans-1,4-Dichloro-2-butene	0.223	0.217	2.7	102	0.00
82 T	4-Chlorotoluene	2.699	2.593	3.9	101	0.00
83 T	tert-Butylbenzene	2.932	2.670	8.9	100	0.00
84 T	1,2,4-Trimethylbenzene	3.195	3.116	2.5	101	0.00
85 T	sec-Butylbenzene	3.643	3.522	3.3	105	0.00
86 T	p-Isopropyltoluene	3.213	3.130	2.6	103	0.00
87 T	1,3-Dichlorobenzene	1.651	1.600	3.1	101	0.00
88 T	1,4-Dichlorobenzene	1.620	1.555	4.0	100	0.00
89 T	n-Butylbenzene	2.621	2.634	-0.5	102	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.546	0.526	3.7	101	0.00
91 T	1,2-Dichlorobenzene	1.667	1.574	5.6	100	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.140	0.133	5.0	95	0.00
93 T	1,2,4-Trichlorobenzene	0.803	0.785	2.2	97	0.00
94 T	Hexachlorobutadiene	0.542	0.498	8.1	101	0.00
95 T	Naphthalene	1.802	1.672	7.2	96	0.00
96 T	1,2,3-Trichlorobenzene	0.811	0.779	3.9	97	0.00

(#) = Out of Range

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