

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040119\
 Data File : VN054888.D
 Acq On : 1 Apr 2019 21:13
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Apr 02 07:07:47 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	82	0.00
2 T	Dichlorodifluoromethane	0.506	0.493	2.6	85	0.00
3 P	Chloromethane	0.699	0.721	-3.1	88	0.00
4 C	Vinyl Chloride	0.628	0.654	-4.1#	90	0.00
5 T	Bromomethane	0.379	0.362	4.5	87	0.00
6 T	Chloroethane	0.351	0.370	-5.4	93	0.00
7 T	Trichlorofluoromethane	0.772	0.831	-7.6	91	0.00
8 T	Diethyl Ether	0.249	0.278	-11.6	93	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.406	0.425	-4.7	91	0.00
10 T	Methyl Iodide	0.556	0.600	-7.9	84	0.00
11 T	Tert butyl alcohol	0.035	0.038	-8.6	92	0.00
12 CM	1,1-Dichloroethene	0.393	0.422	-7.4#	90	0.00
13 T	Acrolein	0.031	0.050	-61.3#	140	0.00
14 T	Allyl chloride	0.968	1.021	-5.5	89	0.00
15 T	Acrylonitrile	0.195	0.218	-11.8	93	0.00
16 T	Acetone	0.161	0.152	5.6	80	0.00
17 T	Carbon Disulfide	1.275	1.289	-1.1	86	0.00
18 T	Methyl Acetate	0.464	0.490	-5.6	94	0.00
19 T	Methyl tert-butyl Ether	1.375	1.502	-9.2	90	0.00
20 T	Methylene Chloride	0.567	0.608	-7.2	93	0.00
21 T	trans-1,2-Dichloroethene	0.516	0.552	-7.0	90	0.00
22 T	Diisopropyl ether	1.915	2.168	-13.2	93	0.00
23 T	Vinyl Acetate	1.332	1.527	-14.6	90	0.00
24 P	1,1-Dichloroethane	1.021	1.136	-11.3	92	0.00
25 T	2-Butanone	0.238	0.266	-11.8	88	0.00
26 T	2,2-Dichloropropane	0.716	0.733	-2.4	84	0.00
27 T	cis-1,2-Dichloroethene	0.583	0.648	-11.1	93	0.00
28 T	Bromochloromethane	0.511	0.576	-12.7	93	0.00
29 T	Tetrahydrofuran	0.165	0.180	-9.1	92	0.00
30 C	Chloroform	0.974	1.097	-12.6#	93	0.00
31 T	Cyclohexane	1.175	1.021	13.1	87	0.00
32 T	1,1,1-Trichloroethane	0.807	0.907	-12.4	92	0.00
33 S	1,2-Dichloroethane-d4	0.674	0.764	-13.4	92	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	85	0.00
35 S	Dibromofluoromethane	0.333	0.360	-8.1	92	0.00
36 T	1,1-Dichloropropene	0.466	0.482	-3.4	90	0.00
37 T	Ethyl Acetate	0.342	0.347	-1.5	89	0.00
38 T	Carbon Tetrachloride	0.453	0.457	-0.9	90	0.00
39 T	Methylcyclohexane	0.512	0.512	0.0	86	0.00
40 TM	Benzene	1.333	1.447	-8.6	92	0.00
41 T	Methacrylonitrile	0.192	0.220	-14.6	97	0.00
42 TM	1,2-Dichloroethane	0.476	0.510	-7.1	93	0.00
43 T	Isopropyl Acetate	0.555	0.619	-11.5	91	0.00
44 TM	Trichloroethene	0.346	0.369	-6.6	93	0.00
45 C	1,2-Dichloropropane	0.380	0.404	-6.3#	92	0.00

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

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.214	0.229	-7.0	91	0.00
47 T	Bromodichloromethane	0.444	0.497	-11.9	93	0.00
48 T	Methyl methacrylate	0.301	0.314	-4.3	90	0.00
49 T	1,4-Dioxane	0.003	0.003	0.0	96	0.00
50 S	Toluene-d8	1.239	1.345	-8.6	90	0.00
51 T	4-Methyl-2-Pentanone	0.312	0.351	-12.5	92	0.00
52 CM	Toluene	0.793	0.865	-9.1#	92	0.00
53 T	t-1,3-Dichloropropene	0.418	0.470	-12.4	90	0.00
54 T	cis-1,3-Dichloropropene	0.499	0.564	-13.0	91	0.00
55 T	1,1,2-Trichloroethane	0.295	0.316	-7.1	95	0.00
56 T	Ethyl methacrylate	0.387	0.420	-8.5	89	0.00
57 T	1,3-Dichloropropane	0.507	0.560	-10.5	93	0.00
58 T	2-Chloroethyl Vinyl ether	0.148	0.155	-4.7	82	0.00
59 T	2-Hexanone	0.200	0.215	-7.5	91	0.00
60 T	Dibromochloromethane	0.299	0.344	-15.1	93	0.00
61 T	1,2-Dibromoethane	0.282	0.306	-8.5	91	0.00
62 S	4-Bromofluorobenzene	0.412	0.455	-10.4	92	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	84	0.00
64 T	Tetrachloroethene	0.384	0.396	-3.1	90	0.00
65 PM	Chlorobenzene	0.979	1.040	-6.2	92	0.00
66 T	1,1,1,2-Tetrachloroethane	0.366	0.403	-10.1	93	0.00
67 C	Ethyl Benzene	1.767	1.875	-6.1#	92	0.00
68 T	m/p-Xylenes	0.654	0.690	-5.5	91	0.00
69 T	o-Xylene	0.641	0.673	-5.0	92	0.00
70 T	Styrene	1.025	1.143	-11.5	92	0.00
71 P	Bromoform	0.215	0.243	-13.0	92	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	84	0.00
73 T	Isopropylbenzene	4.087	4.088	-0.0	92	0.00
74 T	N-amyl acetate	1.273	1.303	-2.4	89	0.00
75 P	1,1,2,2-Tetrachloroethane	1.015	1.008	0.7	94	0.00
76 T	1,2,3-Trichloropropane	0.869	0.899	-3.5	99	0.00
77 T	Bromobenzene	0.986	1.016	-3.0	93	0.00
78 T	n-propylbenzene	4.492	4.540	-1.1	90	0.00
79 T	2-Chlorotoluene	2.779	2.800	-0.8	93	0.00
80 T	1,3,5-Trimethylbenzene	3.353	3.336	0.5	90	0.00
81 T	trans-1,4-Dichloro-2-butene	0.223	0.219	1.8	86	0.00
82 T	4-Chlorotoluene	2.699	2.703	-0.1	88	0.00
83 T	tert-Butylbenzene	2.932	2.861	2.4	90	0.00
84 T	1,2,4-Trimethylbenzene	3.195	3.357	-5.1	91	0.00
85 T	sec-Butylbenzene	3.643	3.682	-1.1	92	0.00
86 T	p-Isopropyltoluene	3.213	3.173	1.2	87	0.00
87 T	1,3-Dichlorobenzene	1.651	1.687	-2.2	90	0.00
88 T	1,4-Dichlorobenzene	1.620	1.621	-0.1	88	0.00
89 T	n-Butylbenzene	2.621	2.577	1.7	84	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.546	0.565	-3.5	91	0.00
91 T	1,2-Dichlorobenzene	1.667	1.685	-1.1	90	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.140	0.145	-3.6	87	0.00
93 T	1,2,4-Trichlorobenzene	0.803	0.780	2.9	81	0.00
94 T	Hexachlorobutadiene	0.542	0.459	15.3	78	0.00
95 T	Naphthalene	1.802	1.721	4.5	83	0.00
96 T	1,2,3-Trichlorobenzene	0.811	0.790	2.6	83	0.00

(#) = Out of Range

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