

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN061319\
 Data File : VN056273.D
 Acq On : 13 Jun 2019 11:27
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 14 01:19:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 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	99	0.00
2 T	Dichlorodifluoromethane	0.491	0.533	-8.6	96	0.00
3 P	Chloromethane	0.542	0.578	-6.6	100	0.00
4 C	Vinyl Chloride	0.544	0.577	-6.1#	100	0.00
5 T	Bromomethane	0.343	0.344	-0.3	96	0.00
6 T	Chloroethane	0.315	0.328	-4.1	99	0.00
7 T	Trichlorofluoromethane	0.694	0.732	-5.5	103	0.00
8 T	Diethyl Ether	0.285	0.288	-1.1	100	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.422	0.476	-12.8	110	0.00
10 T	Methyl Iodide	0.670	0.665	0.7	96	0.00
11 T	Tert butyl alcohol	0.086	0.089	-3.5	102	0.00
12 CM	1,1-Dichloroethene	0.420	0.441	-5.0#	101	0.00
13 T	Acrolein	0.025	0.024	4.0	98	0.00
14 T	Allyl chloride	0.663	0.733	-10.6	107	0.00
15 T	Acrylonitrile	0.210	0.251	-19.5	112	0.00
16 T	Acetone	0.237	0.265	-11.8	108	0.00
17 T	Carbon Disulfide	1.005	0.989	1.6	93	0.00
18 T	Methyl Acetate	0.521	0.580	-11.3	124	0.00
19 T	Methyl tert-butyl Ether	1.338	1.454	-8.7	106	0.00
20 T	Methylene Chloride	0.489	0.520	-6.3	106	0.00
21 T	trans-1,2-Dichloroethene	0.450	0.467	-3.8	101	0.00
22 T	Diisopropyl ether	1.370	1.527	-11.5	111	0.00
23 T	Vinyl Acetate	1.079	1.236	-14.6	107	0.00
24 P	1,1-Dichloroethane	0.790	0.885	-12.0	110	0.00
25 T	2-Butanone	0.300	0.354	-18.0	112	0.00
26 T	2,2-Dichloropropane	0.617	0.639	-3.6	101	0.00
27 T	cis-1,2-Dichloroethene	0.529	0.560	-5.9	103	0.00
28 T	Bromochloromethane	0.374	0.433	-15.8	110	0.00
29 T	Tetrahydrofuran	0.185	0.217	-17.3	113	0.00
30 C	Chloroform	0.795	0.895	-12.6#	110	0.00
31 T	Cyclohexane	0.788	0.799	-1.4	104	0.00
32 T	1,1,1-Trichloroethane	0.664	0.730	-9.9	106	0.00
33 S	1,2-Dichloroethane-d4	0.496	0.548	-10.5	109	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	102	0.00
35 S	Dibromofluoromethane	0.307	0.332	-8.1	110	0.00
36 T	1,1-Dichloropropene	0.430	0.432	-0.5	104	0.00
37 T	Ethyl Acetate	0.383	0.434	-13.3	111	0.00
38 T	Carbon Tetrachloride	0.396	0.422	-6.6	108	0.00
39 T	Methylcyclohexane	0.536	0.547	-2.1	104	0.00
40 TM	Benzene	1.306	1.353	-3.6	105	0.00
41 T	Methacrylonitrile	0.176	0.215	-22.2	130	0.00
42 TM	1,2-Dichloroethane	0.420	0.442	-5.2	109	0.00
43 T	Isopropyl Acetate	0.620	0.663	-6.9	105	0.00
44 TM	Trichloroethene	0.375	0.376	-0.3	103	0.00
45 C	1,2-Dichloropropane	0.334	0.367	-9.9#	112	0.00

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

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.219	0.238	-8.7	110	0.00
47 T	Bromodichloromethane	0.396	0.461	-16.4	115	0.00
48 T	Methyl methacrylate	0.303	0.346	-14.2	116	0.00
49 T	1,4-Dioxane	0.007	0.007	0.0	107	0.00
50 S	Toluene-d8	1.180	1.226	-3.9	106	0.00
51 T	4-Methyl-2-Pentanone	0.388	0.438	-12.9	113	0.00
52 CM	Toluene	0.813	0.845	-3.9#	104	0.00
53 T	t-1,3-Dichloropropene	0.411	0.463	-12.7	108	0.00
54 T	cis-1,3-Dichloropropene	0.476	0.540	-13.4	109	0.00
55 T	1,1,2-Trichloroethane	0.322	0.349	-8.4	109	0.00
56 T	Ethyl methacrylate	0.470	0.515	-9.6	107	0.00
57 T	1,3-Dichloropropane	0.523	0.577	-10.3	111	0.00
58 T	2-Chloroethyl Vinyl ether	0.165	0.166	-0.6	100	0.00
59 T	2-Hexanone	0.281	0.317	-12.8	114	0.00
60 T	Dibromochloromethane	0.311	0.370	-19.0	113	0.00
61 T	1,2-Dibromoethane	0.329	0.362	-10.0	110	0.00
62 S	4-Bromofluorobenzene	0.401	0.425	-6.0	106	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	103	0.00
64 T	Tetrachloroethene	0.433	0.405	6.5	99	0.00
65 PM	Chlorobenzene	0.995	1.034	-3.9	108	0.00
66 T	1,1,1,2-Tetrachloroethane	0.344	0.385	-11.9	112	0.00
67 C	Ethyl Benzene	1.730	1.792	-3.6#	106	0.00
68 T	m/p-Xylenes	0.661	0.682	-3.2	105	0.00
69 T	o-Xylene	0.650	0.668	-2.8	105	0.00
70 T	Styrene	1.033	1.132	-9.6	107	0.00
71 P	Bromoform	0.248	0.303	-22.2	114	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	99	0.00
73 T	Isopropylbenzene	4.046	4.017	0.7	107	0.00
74 T	N-amyl acetate	1.333	1.420	-6.5	109	0.00
75 P	1,1,2,2-Tetrachloroethane	1.161	1.234	-6.3	112	0.00
76 T	1,2,3-Trichloropropane	0.920	0.983	-6.8	112	0.00
77 T	Bromobenzene	1.070	1.056	1.3	104	0.00
78 T	n-propylbenzene	4.230	4.420	-4.5	108	0.00
79 T	2-Chlorotoluene	2.663	2.677	-0.5	109	0.00
80 T	1,3,5-Trimethylbenzene	3.362	3.364	-0.1	108	0.00
81 T	trans-1,4-Dichloro-2-butene	0.276	0.304	-10.1	106	0.00
82 T	4-Chlorotoluene	2.475	2.627	-6.1	110	0.00
83 T	tert-Butylbenzene	2.995	2.924	2.4	106	0.00
84 T	1,2,4-Trimethylbenzene	3.188	3.284	-3.0	106	0.00
85 T	sec-Butylbenzene	3.746	3.844	-2.6	108	0.00
86 T	p-Isopropyltoluene	3.353	3.468	-3.4	106	0.00
87 T	1,3-Dichlorobenzene	1.657	1.741	-5.1	106	0.00
88 T	1,4-Dichlorobenzene	1.594	1.666	-4.5	105	0.00
89 T	n-Butylbenzene	2.484	2.685	-8.1	106	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.506	0.592	-17.0	117	0.00
91 T	1,2-Dichlorobenzene	1.673	1.709	-2.2	105	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.166	0.196	-18.1	111	0.00
93 T	1,2,4-Trichlorobenzene	0.767	0.794	-3.5	97	0.00
94 T	Hexachlorobutadiene	0.652	0.638	2.1	107	0.00
95 T	Naphthalene	1.988	2.048	-3.0	93	0.00
96 T	1,2,3-Trichlorobenzene	0.817	0.858	-5.0	98	0.00

(#) = Out of Range

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