

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN122818\
 Data File : VN053233.D
 Acq On : 28 Dec 2018 18:57
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 28

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 28 23:47:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:03:37 2018
 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	77	0.00
2 T	Dichlorodifluoromethane	0.506	0.456	9.9	71	0.00
3 P	Chloromethane	0.613	0.601	2.0	76	0.00
4 C	Vinyl Chloride	0.621	0.595	4.2#	75	0.00
5 T	Bromomethane	0.430	0.409	4.9	79	0.00
6 T	Chloroethane	0.368	0.358	2.7	76	0.00
7 T	Trichlorofluoromethane	0.774	0.774	0.0	77	0.00
8 T	Diethyl Ether	0.292	0.312	-6.8	82	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.493	0.498	-1.0	80	0.00
10 T	Methyl Iodide	0.693	0.711	-2.6	76	0.00
11 T	Tert butyl alcohol	0.031	0.035	-12.9	84	0.00
12 CM	1,1-Dichloroethene	0.477	0.475	0.4#	77	0.00
13 T	Acrolein	0.028	0.040	-42.9#	107	0.00
14 T	Allyl chloride	0.738	0.817	-10.7	86	0.00
15 T	Acrylonitrile	0.172	0.197	-14.5	88	0.00
16 T	Acetone	0.099	0.123	-24.2	98	0.00
17 T	Carbon Disulfide	1.554	1.266	18.5	66	0.00
18 T	Methyl Acetate	0.466	0.573	-23.0	100	0.00
19 T	Methyl tert-butyl Ether	1.275	1.410	-10.6	84	0.00
20 T	Methylene Chloride	0.543	0.568	-4.6	83	0.00
21 T	trans-1,2-Dichloroethene	0.512	0.507	1.0	78	0.00
22 T	Diisopropyl ether	1.576	1.779	-12.9	86	0.00
23 T	Vinyl Acetate	0.906	1.040	-14.8	91	0.00
24 P	1,1-Dichloroethane	0.936	1.006	-7.5	83	0.00
25 T	2-Butanone	0.167	0.205	-22.8	91	0.00
26 T	2,2-Dichloropropane	0.715	0.690	3.5	76	0.00
27 T	cis-1,2-Dichloroethene	0.580	0.611	-5.3	82	0.00
28 T	Bromochloromethane	0.406	0.459	-13.1	86	0.00
29 T	Tetrahydrofuran	0.125	0.145	-16.0	87	0.00
30 C	Chloroform	0.920	0.987	-7.3#	83	0.00
31 T	Cyclohexane	1.036	0.870	16.0	77	0.00
32 T	1,1,1-Trichloroethane	0.784	0.815	-4.0	81	0.00
33 S	1,2-Dichloroethane-d4	0.507	0.564	-11.2	81	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	77	0.00
35 S	Dibromofluoromethane	0.228	0.310	-36.0#	105	0.00
36 T	1,1-Dichloropropene	0.480	0.478	0.4	79	0.00
37 T	Ethyl Acetate	0.268	0.310	-15.7	87	0.00
38 T	Carbon Tetrachloride	0.440	0.448	-1.8	79	0.00
39 T	Methylcyclohexane	0.583	0.534	8.4	73	0.00
40 TM	Benzene	1.427	1.473	-3.2	81	0.00
41 T	Methacrylonitrile	0.155	0.164	-5.8	81	0.00
42 TM	1,2-Dichloroethane	0.422	0.445	-5.5	82	0.00
43 T	Isopropyl Acetate	0.595	0.573	3.7	85	0.00
44 TM	Trichloroethene	0.413	0.397	3.9	75	0.00
45 C	1,2-Dichloropropane	0.372	0.405	-8.9#	85	0.00

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

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.217	0.231	-6.5	83	0.00
47 T	Bromodichloromethane	0.460	0.488	-6.1	83	0.00
48 T	Methyl methacrylate	0.260	0.285	-9.6	85	0.00
49 T	1,4-Dioxane	0.003	0.004	-33.3#	86	0.00
50 S	Toluene-d8	1.226	1.310	-6.9	80	0.00
51 T	4-Methyl-2-Pentanone	0.259	0.311	-20.1	90	0.00
52 CM	Toluene	0.885	0.919	-3.8#	81	0.00
53 T	t-1,3-Dichloropropene	0.484	0.497	-2.7	79	0.00
54 T	cis-1,3-Dichloropropene	0.556	0.579	-4.1	80	0.00
55 T	1,1,2-Trichloroethane	0.309	0.339	-9.7	85	0.00
56 T	Ethyl methacrylate	0.409	0.460	-12.5	86	0.00
57 T	1,3-Dichloropropane	0.529	0.579	-9.5	84	0.00
58 T	2-Chloroethyl Vinyl ether	0.224	0.249	-11.2	83	0.00
59 T	2-Hexanone	0.176	0.209	-18.8	90	0.00
60 T	Dibromochloromethane	0.353	0.380	-7.6	83	0.00
61 T	1,2-Dibromoethane	0.313	0.337	-7.7	83	0.00
62 S	4-Bromofluorobenzene	0.430	0.473	-10.0	82	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	79	0.00
64 T	Tetrachloroethene	0.542	0.468	13.7	68	0.00
65 PM	Chlorobenzene	1.108	1.140	-2.9	83	0.00
66 T	1,1,1,2-Tetrachloroethane	0.385	0.401	-4.2	83	0.00
67 C	Ethyl Benzene	1.906	1.967	-3.2#	82	0.00
68 T	m/p-Xylenes	0.725	0.736	-1.5	81	0.00
69 T	o-Xylene	0.695	0.729	-4.9	82	0.00
70 T	Styrene	1.134	1.208	-6.5	83	0.00
71 P	Bromoform	0.278	0.293	-5.4	82	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	77	0.00
73 T	Isopropylbenzene	3.912	4.079	-4.3	82	0.00
74 T	N-amyl acetate	1.086	1.217	-12.1	86	0.00
75 P	1,1,2,2-Tetrachloroethane	0.767	0.944	-23.1	100	0.00
76 T	1,2,3-Trichloropropane	0.842	0.771	8.4	70	0.00
77 T	Bromobenzene	1.017	1.075	-5.7	84	0.00
78 T	n-propylbenzene	4.455	4.572	-2.6	81	0.00
79 T	2-Chlorotoluene	2.762	2.747	0.5	82	0.00
80 T	1,3,5-Trimethylbenzene	3.189	3.222	-1.0	80	0.00
81 T	trans-1,4-Dichloro-2-butene	0.261	0.273	-4.6	79	0.00
82 T	4-Chlorotoluene	2.703	2.803	-3.7	82	0.00
83 T	tert-Butylbenzene	2.820	2.835	-0.5	81	0.00
84 T	1,2,4-Trimethylbenzene	3.206	3.255	-1.5	80	0.00
85 T	sec-Butylbenzene	3.814	3.754	1.6	79	0.00
86 T	p-Isopropyltoluene	3.296	3.228	2.1	78	0.00
87 T	1,3-Dichlorobenzene	1.800	1.810	-0.6	80	0.00
88 T	1,4-Dichlorobenzene	1.823	1.786	2.0	80	0.00
89 T	n-Butylbenzene	2.836	2.603	8.2	75	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.506	0.523	-3.4	82	0.00
91 T	1,2-Dichlorobenzene	1.694	1.694	0.0	79	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.133	0.130	2.3	77	0.00
93 T	1,2,4-Trichlorobenzene	1.006	0.790	21.5	71	0.00
94 T	Hexachlorobutadiene	0.584	0.474	18.8	77	0.00
95 T	Naphthalene	2.223	1.762	20.7	72	0.00
96 T	1,2,3-Trichlorobenzene	0.937	0.717	23.5	71	0.00

(#) = Out of Range

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