

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN092318\
 Data File : VN051401.D
 Acq On : 23 Sep 2018 9:38
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 24 06:56:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092318W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 24 06:41:32 2018
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	92	0.00
2 T	Dichlorodifluoromethane	0.466	0.452	3.0	98	0.00
3 P	Chloromethane	0.743	0.745	-0.3	101	0.00
4 C	Vinyl Chloride	0.820	0.830	-1.2#	102	0.00
5 T	Bromomethane	0.524	0.503	4.0	98	0.00
6 T	Chloroethane	0.511	0.523	-2.3	98	0.00
7 T	Trichlorofluoromethane	1.074	1.043	2.9	92	0.00
8 T	Diethyl Ether	0.353	0.310	12.2	76	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.606	0.540	10.9	75	0.00
10 T	Methyl Iodide	0.757	0.736	2.8	75	0.00
11 T	Tert butyl alcohol	0.035	0.032	8.6	76	0.00
12 CM	1,1-Dichloroethene	0.556	0.498	10.4#	77	0.00
13 T	Acrolein	0.035	0.026	25.7#	58	0.00
14 T	Allyl chloride	0.933	0.847	9.2	73	0.00
15 T	Acrylonitrile	0.192	0.179	6.8	76	0.00
16 T	Acetone	0.147	0.123	16.3	69	0.00
17 T	Carbon Disulfide	1.634	1.511	7.5	76	0.00
18 T	Methyl Acetate	0.477	0.434	9.0	73	0.00
19 T	Methyl tert-butyl Ether	1.435	1.409	1.8	85	0.00
20 T	Methylene Chloride	0.620	0.600	3.2	79	0.00
21 T	trans-1,2-Dichloroethene	0.569	0.550	3.3	84	0.00
22 T	Diisopropyl ether	1.804	1.886	-4.5	99	0.00
23 T	Vinyl Acetate	1.184	1.174	0.8	94	0.00
24 P	1,1-Dichloroethane	1.076	1.079	-0.3	97	0.00
25 T	2-Butanone	0.214	0.191	10.7	88	0.00
26 T	2,2-Dichloropropane	0.840	0.556	33.8#	65	0.00
27 T	cis-1,2-Dichloroethene	0.624	0.620	0.6	95	0.00
28 T	Bromochloromethane	0.497	0.493	0.8	94	0.00
29 T	Tetrahydrofuran	0.136	0.132	2.9	92	0.00
30 C	Chloroform	1.067	1.069	-0.2#	96	0.00
31 T	Cyclohexane	0.986	0.961	2.5	95	0.00
32 T	1,1,1-Trichloroethane	0.912	0.931	-2.1	98	0.00
33 S	1,2-Dichloroethane-d4	0.626	0.629	-0.5	99	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	95	0.00
35 S	Dibromofluoromethane	0.400	0.400	0.0	100	0.00
36 T	1,1-Dichloropropene	0.579	0.574	0.9	98	0.00
37 T	Ethyl Acetate	0.333	0.313	6.0	91	0.00
38 T	Carbon Tetrachloride	0.606	0.594	2.0	95	0.00
39 T	Methylcyclohexane	0.677	0.670	1.0	96	0.00
40 TM	Benzene	1.700	1.693	0.4	96	0.00
41 T	Methacrylonitrile	0.184	0.163	11.4	90	0.00
42 TM	1,2-Dichloroethane	0.544	0.540	0.7	98	0.00
43 T	Isopropyl Acetate	0.602	0.573	4.8	95	0.00
44 TM	Trichloroethene	0.452	0.446	1.3	97	0.00
45 C	1,2-Dichloropropane	0.462	0.457	1.1#	96	0.00

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Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.261	0.256	1.9	96	0.00
47 T	Bromodichloromethane	0.578	0.577	0.2	97	0.00
48 T	Methyl methacrylate	0.300	0.294	2.0	96	0.00
49 T	1,4-Dioxane	0.004	0.004	0.0	95	0.00
50 S	Toluene-d8	1.506	1.518	-0.8	101	0.00
51 T	4-Methyl-2-Pentanone	0.331	0.319	3.6	95	0.00
52 CM	Toluene	1.057	1.082	-2.4#	101	0.00
53 T	t-1,3-Dichloropropene	0.583	0.541	7.2	92	0.00
54 T	cis-1,3-Dichloropropene	0.677	0.634	6.4	92	0.00
55 T	1,1,2-Trichloroethane	0.373	0.369	1.1	96	0.00
56 T	Ethyl methacrylate	0.457	0.455	0.4	96	0.00
57 T	1,3-Dichloropropane	0.640	0.634	0.9	96	0.00
58 T	2-Chloroethyl Vinyl ether	0.228	0.232	-1.8	97	0.00
59 T	2-Hexanone	0.215	0.205	4.7	94	0.00
60 T	Dibromochloromethane	0.441	0.442	-0.2	98	0.00
61 T	1,2-Dibromoethane	0.362	0.357	1.4	98	0.00
62 S	4-Bromofluorobenzene	0.487	0.515	-5.7	106	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	99	0.00
64 T	Tetrachloroethene	0.454	0.457	-0.7	102	0.00
65 PM	Chlorobenzene	1.283	1.252	2.4	101	0.00
66 T	1,1,1,2-Tetrachloroethane	0.489	0.473	3.3	100	0.00
67 C	Ethyl Benzene	2.162	2.159	0.1#	100	0.00
68 T	m/p-Xylenes	0.836	0.845	-1.1	100	0.00
69 T	o-Xylene	0.804	0.816	-1.5	101	0.00
70 T	Styrene	1.274	1.322	-3.8	102	0.00
71 P	Bromoform	0.332	0.320	3.6	99	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	97	0.00
73 T	Isopropylbenzene	4.219	4.247	-0.7	102	0.00
74 T	N-amyl acetate	1.058	1.046	1.1	101	0.00
75 P	1,1,2,2-Tetrachloroethane	0.984	0.926	5.9	98	0.00
76 T	1,2,3-Trichloropropane	0.830	0.781	5.9	94	0.00
77 T	Bromobenzene	1.068	1.038	2.8	101	0.00
78 T	n-propylbenzene	4.755	4.862	-2.3	102	0.00
79 T	2-Chlorotoluene	2.846	2.862	-0.6	103	0.00
80 T	1,3,5-Trimethylbenzene	3.440	3.526	-2.5	102	0.00
81 T	trans-1,4-Dichloro-2-butene	0.270	0.224	17.0	85	0.00
82 T	4-Chlorotoluene	2.841	2.840	0.0	102	0.00
83 T	tert-Butylbenzene	3.062	3.118	-1.8	103	0.00
84 T	1,2,4-Trimethylbenzene	3.466	3.573	-3.1	102	0.00
85 T	sec-Butylbenzene	4.142	4.264	-2.9	104	0.00
86 T	p-Isopropyltoluene	3.584	3.655	-2.0	101	0.00
87 T	1,3-Dichlorobenzene	1.848	1.825	1.2	101	0.00
88 T	1,4-Dichlorobenzene	1.778	1.739	2.2	99	0.00
89 T	n-Butylbenzene	2.947	2.949	-0.1	99	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.714	0.705	1.3	103	0.00
91 T	1,2-Dichlorobenzene	1.793	1.752	2.3	100	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.140	0.133	5.0	98	0.00
93 T	1,2,4-Trichlorobenzene	0.872	0.864	0.9	97	0.00
94 T	Hexachlorobutadiene	0.678	0.635	6.3	96	0.00
95 T	Naphthalene	1.627	1.524	6.3	93	0.00
96 T	1,2,3-Trichlorobenzene	0.861	0.848	1.5	96	0.00

(#) = Out of Range

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