

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN091619\
 Data File : VN058103.D
 Acq On : 16 Sep 2019 9:19
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 17 03:58:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 03:02:13 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	93	0.00
2 T	Dichlorodifluoromethane	0.691	0.736	-6.5	99	0.00
3 P	Chloromethane	0.705	0.599	15.0	86	0.00
4 C	Vinyl Chloride	0.746	0.638	14.5#	83	0.00
5 T	Bromomethane	0.454	0.397	12.6	87	0.01
6 T	Chloroethane	0.475	0.400	15.8	84	0.00
7 T	Trichlorofluoromethane	0.939	0.888	5.4	91	0.01
8 T	Diethyl Ether	0.392	0.403	-2.8	101	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.592	0.643	-8.6	103	0.00
10 T	Methyl Iodide	0.659	0.644	2.3	89	0.00
11 T	Tert butyl alcohol	0.123	0.112	8.9	81	0.00
12 CM	1,1-Dichloroethene	0.532	0.529	0.6#	99	0.00
13 T	Acrolein	0.104	0.028	73.1#	25#	0.00
14 T	Allyl chloride	1.042	1.079	-3.6	102	0.00
15 T	Acrylonitrile	0.337	0.365	-8.3	101	0.00
16 T	Acetone	0.332	0.397	-19.6	109	0.00
17 T	Carbon Disulfide	0.979	0.770	21.3	88	0.00
18 T	Methyl Acetate	0.885	1.023	-15.6	108	0.00
19 T	Methyl tert-butyl Ether	2.216	2.468	-11.4	103	0.00
20 T	Methylene Chloride	0.722	0.720	0.3	101	0.00
21 T	trans-1,2-Dichloroethene	0.576	0.576	0.0	99	0.00
22 T	Diisopropyl ether	2.443	2.759	-12.9	103	0.00
23 T	Vinyl Acetate	1.732	2.012	-16.2	101	0.00
24 P	1,1-Dichloroethane	1.335	1.464	-9.7	103	0.00
25 T	2-Butanone	0.480	0.535	-11.5	101	0.00
26 T	2,2-Dichloropropane	1.057	1.217	-15.1	105	0.00
27 T	cis-1,2-Dichloroethene	0.771	0.829	-7.5	103	0.00
28 T	Bromochloromethane	0.667	0.696	-4.3	96	0.00
29 T	Tetrahydrofuran	0.296	0.312	-5.4	98	0.00
30 C	Chloroform	1.396	1.540	-10.3#	104	0.00
31 T	Cyclohexane	1.001	0.993	0.8	97	0.00
32 T	1,1,1-Trichloroethane	1.107	1.232	-11.3	103	0.00
33 S	1,2-Dichloroethane-d4	1.013	1.054	-4.0	96	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	91	0.00
35 S	Dibromofluoromethane	0.461	0.478	-3.7	94	0.00
36 T	1,1-Dichloropropene	0.580	0.600	-3.4	99	0.00
37 T	Ethyl Acetate	0.599	0.642	-7.2	99	0.00
38 T	Carbon Tetrachloride	0.529	0.610	-15.3	104	0.00
39 T	Methylcyclohexane	0.610	0.632	-3.6	99	0.00
40 TM	Benzene	1.746	1.891	-8.3	101	0.00
41 T	Methacrylonitrile	0.272	0.330	-21.3	110	0.00
42 TM	1,2-Dichloroethane	0.698	0.784	-12.3	103	0.00
43 T	Isopropyl Acetate	1.008	1.158	-14.9	102	0.00
44 TM	Trichloroethene	0.428	0.462	-7.9	101	0.00
45 C	1,2-Dichloropropane	0.508	0.575	-13.2#	103	0.00

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

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.307	0.345	-12.4	102	0.00
47 T	Bromodichloromethane	0.613	0.743	-21.2	103	0.00
48 T	Methyl methacrylate	0.511	0.559	-9.4	98	0.00
49 T	1,4-Dioxane	0.009	0.008	11.1	85	0.00
50 S	Toluene-d8	1.792	1.889	-5.4	92	0.00
51 T	4-Methyl-2-Pentanone	0.596	0.688	-15.4	95	0.00
52 CM	Toluene	1.100	1.198	-8.9#	100	0.00
53 T	t-1,3-Dichloropropene	0.646	0.791	-22.4	102	0.00
54 T	cis-1,3-Dichloropropene	0.713	0.854	-19.8	102	0.00
55 T	1,1,2-Trichloroethane	0.466	0.540	-15.9	102	0.00
56 T	Ethyl methacrylate	0.701	0.807	-15.1	98	0.00
57 T	1,3-Dichloropropane	0.803	0.911	-13.4	101	0.00
58 T	2-Chloroethyl Vinyl ether	0.330	0.335	-1.5	79	0.00
59 T	2-Hexanone	0.447	0.516	-15.4	95	0.00
60 T	Dibromochloromethane	0.433	0.541	-24.9	102	0.00
61 T	1,2-Dibromoethane	0.440	0.504	-14.5	100	0.00
62 S	4-Bromofluorobenzene	0.683	0.686	-0.4	94	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	90	0.00
64 T	Tetrachloroethene	0.369	0.396	-7.3	102	0.00
65 PM	Chlorobenzene	1.309	1.453	-11.0	100	0.00
66 T	1,1,1,2-Tetrachloroethane	0.454	0.552	-21.6	103	0.00
67 C	Ethyl Benzene	2.293	2.599	-13.3#	100	0.00
68 T	m/p-Xylenes	0.840	0.961	-14.4	100	0.00
69 T	o-Xylene	0.835	0.949	-13.7	98	0.00
70 T	Styrene	1.437	1.684	-17.2	99	0.00
71 P	Bromoform	0.283	0.353	-24.7	99	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	92	0.00
73 T	Isopropylbenzene	3.880	4.281	-10.3	100	0.00
74 T	N-amyl acetate	1.689	1.798	-6.5	93	0.00
75 P	1,1,2,2-Tetrachloroethane	1.306	1.353	-3.6	95	0.00
76 T	1,2,3-Trichloropropane	1.131	1.138	-0.6	92	0.00
77 T	Bromobenzene	0.967	1.013	-4.8	102	0.00
78 T	n-propylbenzene	4.455	5.062	-13.6	101	0.00
79 T	2-Chlorotoluene	2.816	2.984	-6.0	99	0.00
80 T	1,3,5-Trimethylbenzene	3.278	3.703	-13.0	100	0.00
81 T	trans-1,4-Dichloro-2-butene	0.321	0.361	-12.5	94	0.00
82 T	4-Chlorotoluene	2.892	3.199	-10.6	101	0.00
83 T	tert-Butylbenzene	2.914	3.208	-10.1	99	0.00
84 T	1,2,4-Trimethylbenzene	3.332	3.783	-13.5	101	0.00
85 T	sec-Butylbenzene	3.862	4.364	-13.0	100	0.00
86 T	p-Isopropyltoluene	3.403	3.976	-16.8	100	0.00
87 T	1,3-Dichlorobenzene	1.776	1.952	-9.9	101	0.00
88 T	1,4-Dichlorobenzene	1.802	1.951	-8.3	101	0.00
89 T	n-Butylbenzene	3.214	3.767	-17.2	102	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.506	0.605	-19.6	102	0.00
91 T	1,2-Dichlorobenzene	1.774	1.938	-9.2	100	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.216	0.250	-15.7	98	0.00
93 T	1,2,4-Trichlorobenzene	1.159	1.274	-9.9	108	0.00
94 T	Hexachlorobutadiene	0.491	0.571	-16.3	113	0.00
95 T	Naphthalene	3.341	3.454	-3.4	101	0.00
96 T	1,2,3-Trichlorobenzene	1.128	1.187	-5.2	108	0.00

(#) = Out of Range

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