

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN061819\
 Data File : VN056350.D
 Acq On : 18 Jun 2019 8:50
 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 19 02:10:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 18 04:23:59 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	103	0.00
2 T	Dichlorodifluoromethane	0.440	0.446	-1.4	99	0.00
3 P	Chloromethane	0.589	0.561	4.8	96	0.00
4 C	Vinyl Chloride	0.579	0.552	4.7#	96	0.00
5 T	Bromomethane	0.337	0.338	-0.3	97	0.00
6 T	Chloroethane	0.336	0.326	3.0	99	0.00
7 T	Trichlorofluoromethane	0.740	0.709	4.2	99	0.00
8 T	Diethyl Ether	0.293	0.287	2.0	101	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.478	0.464	2.9	103	0.00
10 T	Methyl Iodide	0.612	0.628	-2.6	100	0.00
11 T	Tert butyl alcohol	0.088	0.083	5.7	94	0.00
12 CM	1,1-Dichloroethene	0.464	0.440	5.2#	98	0.00
13 T	Acrolein	0.024	0.021	12.5	87	0.00
14 T	Allyl chloride	0.778	0.738	5.1	96	0.00
15 T	Acrylonitrile	0.253	0.240	5.1	94	0.00
16 T	Acetone	0.311	0.276	11.3	90	0.00
17 T	Carbon Disulfide	1.242	1.072	13.7	88	0.00
18 T	Methyl Acetate	0.667	0.492	26.2#	94	0.00
19 T	Methyl tert-butyl Ether	1.415	1.388	1.9	98	0.00
20 T	Methylene Chloride	0.549	0.514	6.4	97	0.00
21 T	trans-1,2-Dichloroethene	0.494	0.474	4.0	97	0.00
22 T	Diisopropyl ether	1.530	1.496	2.2	98	0.00
23 T	Vinyl Acetate	1.245	1.243	0.2	97	0.00
24 P	1,1-Dichloroethane	0.897	0.867	3.3	98	0.00
25 T	2-Butanone	0.377	0.358	5.0	93	0.00
26 T	2,2-Dichloropropane	0.649	0.609	6.2	96	0.00
27 T	cis-1,2-Dichloroethene	0.572	0.549	4.0	97	0.00
28 T	Bromochloromethane	0.449	0.443	1.3	100	0.00
29 T	Tetrahydrofuran	0.224	0.211	5.8	95	0.00
30 C	Chloroform	0.893	0.854	4.4#	97	0.00
31 T	Cyclohexane	0.867	0.834	3.8	101	0.00
32 T	1,1,1-Trichloroethane	0.740	0.701	5.3	96	0.00
33 S	1,2-Dichloroethane-d4	0.562	0.541	3.7	99	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	102	0.00
35 S	Dibromofluoromethane	0.321	0.316	1.6	98	0.00
36 T	1,1-Dichloropropene	0.450	0.444	1.3	100	0.00
37 T	Ethyl Acetate	0.426	0.427	-0.2	94	0.00
38 T	Carbon Tetrachloride	0.432	0.396	8.3	93	0.00
39 T	Methylcyclohexane	0.549	0.564	-2.7	102	0.00
40 TM	Benzene	1.365	1.353	0.9	99	0.00
41 T	Methacrylonitrile	0.196	0.216	-10.2	102	0.00
42 TM	1,2-Dichloroethane	0.448	0.443	1.1	99	0.00
43 T	Isopropyl Acetate	0.682	0.648	5.0	94	0.00
44 TM	Trichloroethene	0.371	0.372	-0.3	101	0.00
45 C	1,2-Dichloropropane	0.361	0.360	0.3#	98	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.240	0.228	5.0	95	0.00
47 T	Bromodichloromethane	0.458	0.427	6.8	93	0.00
48 T	Methyl methacrylate	0.344	0.317	7.8	91	0.00
49 T	1,4-Dioxane	0.007	0.007	0.0	97	0.00
50 S	Toluene-d8	1.225	1.222	0.2	99	0.00
51 T	4-Methyl-2-Pentanone	0.435	0.421	3.2	94	0.00
52 CM	Toluene	0.833	0.834	-0.1#	97	0.00
53 T	t-1,3-Dichloropropene	0.455	0.442	2.9	94	0.00
54 T	cis-1,3-Dichloropropene	0.524	0.518	1.1	96	0.00
55 T	1,1,2-Trichloroethane	0.342	0.335	2.0	98	0.00
56 T	Ethyl methacrylate	0.492	0.496	-0.8	95	0.00
57 T	1,3-Dichloropropane	0.577	0.562	2.6	98	0.00
58 T	2-Chloroethyl Vinyl ether	0.160	0.186	-16.2	112	0.00
59 T	2-Hexanone	0.322	0.319	0.9	97	0.00
60 T	Dibromochloromethane	0.359	0.334	7.0	91	0.00
61 T	1,2-Dibromoethane	0.352	0.344	2.3	96	0.00
62 S	4-Bromofluorobenzene	0.406	0.420	-3.4	100	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	100	0.00
64 T	Tetrachloroethene	0.410	0.403	1.7	100	0.00
65 PM	Chlorobenzene	1.015	0.996	1.9	98	0.00
66 T	1,1,1,2-Tetrachloroethane	0.379	0.357	5.8	96	0.00
67 C	Ethyl Benzene	1.747	1.767	-1.1#	99	0.00
68 T	m/p-Xylenes	0.650	0.672	-3.4	99	0.00
69 T	o-Xylene	0.641	0.657	-2.5	99	0.00
70 T	Styrene	1.035	1.094	-5.7	98	0.00
71 P	Bromoform	0.295	0.260	11.9	85	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	104	0.00
73 T	Isopropylbenzene	4.289	3.833	10.6	99	0.00
74 T	N-amyl acetate	1.571	1.386	11.8	97	0.00
75 P	1,1,2,2-Tetrachloroethane	1.400	1.147	18.1	96	0.00
76 T	1,2,3-Trichloropropane	1.068	1.003	6.1	102	0.00
77 T	Bromobenzene	1.130	0.998	11.7	98	0.00
78 T	n-propylbenzene	4.488	4.275	4.7	100	0.00
79 T	2-Chlorotoluene	2.850	2.553	10.4	100	0.00
80 T	1,3,5-Trimethylbenzene	3.488	3.197	8.3	99	0.00
81 T	trans-1,4-Dichloro-2-butene	0.344	0.284	17.4	87	0.00
82 T	4-Chlorotoluene	2.635	2.509	4.8	100	0.00
83 T	tert-Butylbenzene	3.120	2.787	10.7	101	0.00
84 T	1,2,4-Trimethylbenzene	3.248	3.125	3.8	100	0.00
85 T	sec-Butylbenzene	3.936	3.712	5.7	101	0.00
86 T	p-Isopropyltoluene	3.370	3.345	0.7	103	0.00
87 T	1,3-Dichlorobenzene	1.702	1.677	1.5	103	0.00
88 T	1,4-Dichlorobenzene	1.635	1.620	0.9	103	0.00
89 T	n-Butylbenzene	2.519	2.656	-5.4	106	0.00

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90 T	Hexachloroethane	0.657	0.508	22.7	88	0.00
91 T	1,2-Dichlorobenzene	1.666	1.646	1.2	102	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.216	0.180	16.7	90	0.00
93 T	1,2,4-Trichlorobenzene	0.698	0.747	-7.0	104	0.00
94 T	Hexachlorobutadiene	0.667	0.618	7.3	108	0.00
95 T	Naphthalene	1.889	1.911	-1.2	98	0.00
96 T	1,2,3-Trichlorobenzene	0.756	0.803	-6.2	100	0.00

(#) = Out of Range

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