

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN022719\
 Data File : VN053971.D
 Acq On : 27 Feb 2019 16:12
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Feb 28 07:27:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 05:37:40 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	106	0.00
2 T	Dichlorodifluoromethane	0.460	0.456	0.9	107	0.00
3 P	Chloromethane	0.638	0.623	2.4	107	0.00
4 C	Vinyl Chloride	0.640	0.616	3.8#	106	0.00
5 T	Bromomethane	0.424	0.382	9.9	106	0.00
6 T	Chloroethane	0.398	0.373	6.3	106	0.00
7 T	Trichlorofluoromethane	0.817	0.787	3.7	108	0.00
8 T	Diethyl Ether	0.306	0.297	2.9	104	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.516	0.508	1.6	111	0.00
10 T	Methyl Iodide	0.678	0.696	-2.7	106	0.00
11 T	Tert butyl alcohol	0.037	0.034	8.1	91	0.00
12 CM	1,1-Dichloroethene	0.494	0.469	5.1#	104	0.00
13 T	Acrolein	0.038	0.033	13.2	113	0.00
14 T	Allyl chloride	0.866	0.878	-1.4	108	0.00
15 T	Acrylonitrile	0.196	0.194	1.0	102	0.00
16 T	Acetone	0.172	0.172	0.0	109	0.00
17 T	Carbon Disulfide	1.592	1.454	8.7	102	0.00
18 T	Methyl Acetate	0.410	0.402	2.0	106	0.00
19 T	Methyl tert-butyl Ether	1.324	1.313	0.8	102	0.00
20 T	Methylene Chloride	0.580	0.546	5.9	105	0.00
21 T	trans-1,2-Dichloroethene	0.534	0.515	3.6	105	0.00
22 T	Diisopropyl ether	1.670	1.731	-3.7	107	0.00
23 T	Vinyl Acetate	1.201	1.239	-3.2	104	0.00
24 P	1,1-Dichloroethane	1.024	1.004	2.0	107	0.00
25 T	2-Butanone	0.230	0.233	-1.3	103	0.00
26 T	2,2-Dichloropropane	0.728	0.743	-2.1	110	0.00
27 T	cis-1,2-Dichloroethene	0.594	0.581	2.2	105	0.00
28 T	Bromochloromethane	0.469	0.460	1.9	102	0.00
29 T	Tetrahydrofuran	0.153	0.149	2.6	99	0.00
30 C	Chloroform	0.993	0.956	3.7#	104	0.00
31 T	Cyclohexane	1.091	0.961	11.9	110	0.00
32 T	1,1,1-Trichloroethane	0.819	0.800	2.3	105	0.00
33 S	1,2-Dichloroethane-d4	0.586	0.532	9.2	99	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	104	0.00
35 S	Dibromofluoromethane	0.323	0.304	5.9	100	0.00
36 T	1,1-Dichloropropene	0.465	0.482	-3.7	108	0.00
37 T	Ethyl Acetate	0.332	0.320	3.6	102	0.00
38 T	Carbon Tetrachloride	0.484	0.454	6.2	106	0.00
39 T	Methylcyclohexane	0.560	0.600	-7.1	113	0.00
40 TM	Benzene	1.428	1.445	-1.2	106	0.00
41 T	Methacrylonitrile	0.214	0.177	17.3	78	-0.02
42 TM	1,2-Dichloroethane	0.442	0.446	-0.9	106	0.00
43 T	Isopropyl Acetate	0.561	0.554	1.2	103	0.00
44 TM	Trichloroethene	0.379	0.376	0.8	104	0.00
45 C	1,2-Dichloropropane	0.385	0.392	-1.8#	107	0.00

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

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.224	0.222	0.9	103	0.00
47 T	Bromodichloromethane	0.472	0.476	-0.8	106	0.00
48 T	Methyl methacrylate	0.258	0.268	-3.9	104	0.00
49 T	1,4-Dioxane	0.003	0.003	0.0	92	0.00
50 S	Toluene-d8	1.204	1.148	4.7	100	0.00
51 T	4-Methyl-2-Pentanone	0.288	0.305	-5.9	101	0.00
52 CM	Toluene	0.841	0.867	-3.1#	105	0.00
53 T	t-1,3-Dichloropropene	0.459	0.482	-5.0	105	0.00
54 T	cis-1,3-Dichloropropene	0.541	0.566	-4.6	106	0.00
55 T	1,1,2-Trichloroethane	0.314	0.309	1.6	102	0.00
56 T	Ethyl methacrylate	0.368	0.394	-7.1	102	0.00
57 T	1,3-Dichloropropane	0.531	0.540	-1.7	104	0.00
58 T	2-Chloroethyl Vinyl ether	0.162	0.185	-14.2	104	0.00
59 T	2-Hexanone	0.187	0.200	-7.0	101	0.00
60 T	Dibromochloromethane	0.349	0.346	0.9	102	0.00
61 T	1,2-Dibromoethane	0.303	0.298	1.7	101	0.00
62 S	4-Bromofluorobenzene	0.401	0.395	1.5	103	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	103	0.00
64 T	Tetrachloroethene	0.423	0.418	1.2	106	0.00
65 PM	Chlorobenzene	1.055	1.047	0.8	104	0.00
66 T	1,1,1,2-Tetrachloroethane	0.380	0.376	1.1	102	0.00
67 C	Ethyl Benzene	1.769	1.839	-4.0#	107	0.00
68 T	m/p-Xylenes	0.668	0.700	-4.8	106	0.00
69 T	o-Xylene	0.656	0.671	-2.3	106	0.00
70 T	Styrene	1.009	1.106	-9.6	106	0.00
71 P	Bromoform	0.265	0.261	1.5	98	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	103	0.00
73 T	Isopropylbenzene	3.892	3.746	3.8	107	0.00
74 T	N-amyl acetate	1.020	1.053	-3.2	104	0.00
75 P	1,1,2,2-Tetrachloroethane	0.973	0.884	9.1	101	0.00
76 T	1,2,3-Trichloropropane	0.802	0.792	1.2	107	0.00
77 T	Bromobenzene	0.988	0.931	5.8	103	0.00
78 T	n-propylbenzene	4.426	4.483	-1.3	109	0.00
79 T	2-Chlorotoluene	2.659	2.607	2.0	108	0.00
80 T	1,3,5-Trimethylbenzene	3.186	3.240	-1.7	108	0.00
81 T	trans-1,4-Dichloro-2-butene	0.254	0.238	6.3	97	0.00
82 T	4-Chlorotoluene	2.628	2.652	-0.9	107	0.00
83 T	tert-Butylbenzene	2.818	2.740	2.8	105	0.00
84 T	1,2,4-Trimethylbenzene	3.181	3.275	-3.0	107	0.00
85 T	sec-Butylbenzene	3.849	3.862	-0.3	109	0.00
86 T	p-Isopropyltoluene	3.254	3.345	-2.8	109	0.00
87 T	1,3-Dichlorobenzene	1.709	1.684	1.5	106	0.00
88 T	1,4-Dichlorobenzene	1.658	1.667	-0.5	106	0.00
89 T	n-Butylbenzene	2.742	3.028	-10.4	113	0.00

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90 T	Hexachloroethane	0.631	0.586	7.1	106	0.00
91 T	1,2-Dichlorobenzene	1.655	1.624	1.9	104	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.138	0.130	5.8	100	0.00
93 T	1,2,4-Trichlorobenzene	0.786	0.883	-12.3	103	0.00
94 T	Hexachlorobutadiene	0.598	0.594	0.7	110	0.00
95 T	Naphthalene	1.627	1.739	-6.9	95	0.00
96 T	1,2,3-Trichlorobenzene	0.789	0.845	-7.1	101	0.00

(#) = Out of Range

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