

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN032619\
 Data File : VN054685.D
 Acq On : 26 Mar 2019 9:10
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Mar 27 04:12:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 02:09:07 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	82	0.00
2 T	Dichlorodifluoromethane	0.478	0.509	-6.5	85	0.00
3 P	Chloromethane	0.650	0.667	-2.6	83	0.00
4 C	Vinyl Chloride	0.653	0.623	4.6#	76	0.00
5 T	Bromomethane	0.422	0.350	17.1	72	0.00
6 T	Chloroethane	0.392	0.347	11.5	73	0.00
7 T	Trichlorofluoromethane	0.793	0.796	-0.4	81	0.00
8 T	Diethyl Ether	0.305	0.255	16.4	68	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.466	0.430	7.7	77	0.00
10 T	Methyl Iodide	0.686	0.594	13.4	68	0.00
11 T	Tert butyl alcohol	0.038	0.033	13.2	67	0.00
12 CM	1,1-Dichloroethene	0.482	0.402	16.6#	68	0.00
13 T	Acrolein	0.052	0.062	-19.2	94	0.00
14 T	Allyl chloride	0.908	0.968	-6.6	86	0.00
15 T	Acrylonitrile	0.188	0.198	-5.3	82	0.00
16 T	Acetone	0.187	0.210	-12.3	86	0.00
17 T	Carbon Disulfide	1.292	1.189	8.0	77	0.00
18 T	Methyl Acetate	0.417	0.441	-5.8	84	0.00
19 T	Methyl tert-butyl Ether	1.407	1.417	-0.7	80	0.00
20 T	Methylene Chloride	0.551	0.548	0.5	83	0.00
21 T	trans-1,2-Dichloroethene	0.492	0.504	-2.4	81	0.00
22 T	Diisopropyl ether	1.791	2.001	-11.7	89	0.00
23 T	Vinyl Acetate	1.265	1.409	-11.4	84	0.00
24 P	1,1-Dichloroethane	0.964	1.045	-8.4	86	0.00
25 T	2-Butanone	0.240	0.279	-16.3	86	0.00
26 T	2,2-Dichloropropane	0.688	0.759	-10.3	86	0.00
27 T	cis-1,2-Dichloroethene	0.587	0.589	-0.3	81	0.00
28 T	Bromochloromethane	0.475	0.532	-12.0	88	0.00
29 T	Tetrahydrofuran	0.155	0.164	-5.8	78	0.00
30 C	Chloroform	0.941	1.015	-7.9#	86	0.00
31 T	Cyclohexane	1.121	0.982	12.4	86	0.00
32 T	1,1,1-Trichloroethane	0.777	0.846	-8.9	85	0.00
33 S	1,2-Dichloroethane-d4	0.622	0.639	-2.7	80	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	81	0.00
35 S	Dibromofluoromethane	0.322	0.322	0.0	78	0.00
36 T	1,1-Dichloropropene	0.468	0.478	-2.1	84	0.00
37 T	Ethyl Acetate	0.333	0.349	-4.8	81	0.00
38 T	Carbon Tetrachloride	0.454	0.467	-2.9	84	0.00
39 T	Methylcyclohexane	0.535	0.547	-2.2	84	0.00
40 TM	Benzene	1.337	1.390	-4.0	84	0.00
41 T	Methacrylonitrile	0.203	0.212	-4.4	85	0.00
42 TM	1,2-Dichloroethane	0.487	0.509	-4.5	86	0.00
43 T	Isopropyl Acetate	0.562	0.602	-7.1	82	0.00
44 TM	Trichloroethene	0.372	0.365	1.9	80	0.00
45 C	1,2-Dichloropropane	0.359	0.400	-11.4#	87	0.00

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

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.214	0.228	-6.5	84	0.00
47 T	Bromodichloromethane	0.444	0.485	-9.2	86	0.00
48 T	Methyl methacrylate	0.305	0.310	-1.6	80	0.00
49 T	1,4-Dioxane	0.003	0.003	0.0	73	0.00
50 S	Toluene-d8	1.211	1.209	0.2	79	0.00
51 T	4-Methyl-2-Pentanone	0.311	0.337	-8.4	81	0.00
52 CM	Toluene	0.822	0.843	-2.6#	82	0.00
53 T	t-1,3-Dichloropropene	0.414	0.469	-13.3	84	0.00
54 T	cis-1,3-Dichloropropene	0.510	0.563	-10.4	84	0.00
55 T	1,1,2-Trichloroethane	0.296	0.303	-2.4	81	0.00
56 T	Ethyl methacrylate	0.397	0.405	-2.0	77	0.00
57 T	1,3-Dichloropropane	0.514	0.544	-5.8	84	0.00
58 T	2-Chloroethyl Vinyl ether	0.163	0.155	4.9	71	0.00
59 T	2-Hexanone	0.203	0.223	-9.9	83	0.00
60 T	Dibromochloromethane	0.315	0.343	-8.9	83	0.00
61 T	1,2-Dibromoethane	0.292	0.302	-3.4	80	0.00
62 S	4-Bromofluorobenzene	0.412	0.426	-3.4	82	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	82	0.00
64 T	Tetrachloroethene	0.415	0.405	2.4	82	0.00
65 PM	Chlorobenzene	1.017	1.019	-0.2	83	0.00
66 T	1,1,1,2-Tetrachloroethane	0.365	0.387	-6.0	85	0.00
67 C	Ethyl Benzene	1.796	1.836	-2.2#	85	0.00
68 T	m/p-Xylenes	0.680	0.693	-1.9	84	0.00
69 T	o-Xylene	0.664	0.671	-1.1	84	0.00
70 T	Styrene	1.079	1.125	-4.3	84	0.00
71 P	Bromoform	0.222	0.233	-5.0	80	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	81	0.00
73 T	Isopropylbenzene	4.029	3.908	3.0	85	0.00
74 T	N-amyl acetate	1.159	1.244	-7.3	83	0.00
75 P	1,1,2,2-Tetrachloroethane	0.920	0.917	0.3	82	0.00
76 T	1,2,3-Trichloropropane	0.793	0.763	3.8	80	0.00
77 T	Bromobenzene	0.999	0.953	4.6	82	0.00
78 T	n-propylbenzene	4.369	4.478	-2.5	88	0.00
79 T	2-Chlorotoluene	2.724	2.670	2.0	86	0.00
80 T	1,3,5-Trimethylbenzene	3.302	3.300	0.1	86	0.00
81 T	trans-1,4-Dichloro-2-butene	0.205	0.210	-2.4	81	0.00
82 T	4-Chlorotoluene	2.641	2.700	-2.2	87	0.00
83 T	tert-Butylbenzene	2.874	2.796	2.7	84	0.00
84 T	1,2,4-Trimethylbenzene	3.240	3.255	-0.5	85	0.00
85 T	sec-Butylbenzene	3.583	3.594	-0.3	87	0.00
86 T	p-Isopropyltoluene	3.206	3.239	-1.0	86	0.00
87 T	1,3-Dichlorobenzene	1.656	1.705	-3.0	86	0.00
88 T	1,4-Dichlorobenzene	1.611	1.632	-1.3	84	0.00
89 T	n-Butylbenzene	2.507	2.763	-10.2	89	0.00

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90 T	Hexachloroethane	0.498	0.541	-8.6	89	0.00
91 T	1,2-Dichlorobenzene	1.604	1.626	-1.4	84	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.135	0.137	-1.5	75	0.00
93 T	1,2,4-Trichlorobenzene	0.800	0.852	-6.5	82	0.00
94 T	Hexachlorobutadiene	0.523	0.539	-3.1	92	0.00
95 T	Naphthalene	1.783	1.743	2.2	74	0.00
96 T	1,2,3-Trichlorobenzene	0.796	0.807	-1.4	78	0.00

(#) = Out of Range

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