

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN121619\
 Data File : VN059617.D
 Acq On : 16 Dec 2019 20:41
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 17 06:45:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 13 23:17:39 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	0.646	0.647	-0.2	100	0.00
3 P	Chloromethane	1.025	0.933	9.0	89	0.00
4 C	Vinyl Chloride	0.972	0.918	5.6#	93	0.00
5 T	Bromomethane	0.565	0.470	16.8	81	-0.02
6 T	Chloroethane	0.546	0.496	9.2	89	-0.01
7 T	Trichlorofluoromethane	1.067	1.057	0.9	92	0.00
8 T	Diethyl Ether	0.333	0.336	-0.9	96	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.538	0.512	4.8	93	0.00
10 T	Methyl Iodide	0.712	0.697	2.1	92	0.00
11 T	Tert butyl alcohol	0.133	0.112	15.8	84	0.00
12 CM	1,1-Dichloroethene	0.524	0.498	5.0#	93	0.00
13 T	Acrolein	0.095	0.084	11.6	80	0.00
14 T	Allyl chloride	1.077	1.000	7.1	93	0.00
15 T	Acrylonitrile	0.323	0.321	0.6	94	0.00
16 T	Acetone	0.432	0.278	35.6#	62	0.00
17 T	Carbon Disulfide	1.801	1.552	13.8	92	0.00
18 T	Methyl Acetate	0.905	0.859	5.1	95	0.00
19 T	Methyl tert-butyl Ether	1.852	1.837	0.8	95	0.00
20 T	Methylene Chloride	0.624	0.590	5.4	94	0.00
21 T	trans-1,2-Dichloroethene	0.585	0.557	4.8	94	0.00
22 T	Diisopropyl ether	1.985	2.021	-1.8	96	0.00
23 T	Vinyl Acetate	1.558	1.769	-13.5	101	0.00
24 P	1,1-Dichloroethane	1.124	1.123	0.1	95	0.00
25 T	2-Butanone	0.517	0.449	13.2	83	0.00
26 T	2,2-Dichloropropane	1.022	0.935	8.5	87	0.00
27 T	cis-1,2-Dichloroethene	0.648	0.639	1.4	93	0.00
28 T	Bromochloromethane	0.386	0.464	-20.2	94	0.00
29 T	Tetrahydrofuran	0.315	0.304	3.5	93	0.00
30 C	Chloroform	1.107	1.099	0.7#	95	0.00
31 T	Cyclohexane	1.062	1.010	4.9	95	0.00
32 T	1,1,1-Trichloroethane	0.998	0.966	3.2	93	0.00
33 S	1,2-Dichloroethane-d4	0.728	0.719	1.2	93	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	93	0.00
35 S	Dibromofluoromethane	0.313	0.307	1.9	94	0.00
36 T	1,1-Dichloropropene	0.521	0.514	1.3	95	0.00
37 T	Ethyl Acetate	0.606	0.582	4.0	95	0.00
38 T	Carbon Tetrachloride	0.541	0.524	3.1	95	0.00
39 T	Methylcyclohexane	0.591	0.589	0.3	94	0.00
40 TM	Benzene	1.524	1.476	3.1	93	0.00
41 T	Methacrylonitrile	0.250	0.215	14.0	81	0.00
42 TM	1,2-Dichloroethane	0.584	0.578	1.0	94	0.00
43 T	Isopropyl Acetate	0.942	0.933	1.0	94	0.00
44 TM	Trichloroethene	0.399	0.375	6.0	92	0.00
45 C	1,2-Dichloropropane	0.411	0.405	1.5#	95	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.270	0.267	1.1	96	0.00
47 T	Bromodichloromethane	0.537	0.542	-0.9	96	0.00
48 T	Methyl methacrylate	0.427	0.432	-1.2	96	0.00
49 T	1,4-Dioxane	0.006	0.005	16.7	68	0.00
50 S	Toluene-d8	1.239	1.211	2.3	92	0.00
51 T	4-Methyl-2-Pentanone	0.562	0.574	-2.1	92	0.00
52 CM	Toluene	0.936	0.905	3.3#	94	0.00
53 T	t-1,3-Dichloropropene	0.622	0.610	1.9	92	0.00
54 T	cis-1,3-Dichloropropene	0.653	0.645	1.2	93	0.00
55 T	1,1,2-Trichloroethane	0.367	0.360	1.9	93	0.00
56 T	Ethyl methacrylate	0.545	0.565	-3.7	93	0.00
57 T	1,3-Dichloropropane	0.640	0.635	0.8	94	0.00
58 T	2-Chloroethyl Vinyl ether	0.173	0.214	-23.7	93	0.00
59 T	2-Hexanone	0.443	0.425	4.1	85	0.00
60 T	Dibromochloromethane	0.401	0.402	-0.2	94	0.00
61 T	1,2-Dibromoethane	0.390	0.382	2.1	95	0.00
62 S	4-Bromofluorobenzene	0.452	0.434	4.0	89	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	94	0.00
64 T	Tetrachloroethene	0.466	0.362	22.3	80	0.00
65 PM	Chlorobenzene	1.082	1.022	5.5	93	0.00
66 T	1,1,1,2-Tetrachloroethane	0.411	0.394	4.1	93	0.00
67 C	Ethyl Benzene	1.953	1.898	2.8#	93	0.00
68 T	m/p-Xylenes	0.721	0.701	2.8	93	0.00
69 T	o-Xylene	0.686	0.670	2.3	93	0.00
70 T	Styrene	1.102	1.088	1.3	91	0.00
71 P	Bromoform	0.309	0.306	1.0	91	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	92	0.00
73 T	Isopropylbenzene	3.925	3.791	3.4	92	0.00
74 T	N-amyl acetate	1.800	1.803	-0.2	92	0.00
75 P	1,1,2,2-Tetrachloroethane	1.245	1.222	1.8	94	0.00
76 T	1,2,3-Trichloropropane	1.238	1.227	0.9	96	0.00
77 T	Bromobenzene	0.965	0.898	6.9	92	0.00
78 T	n-propylbenzene	4.640	4.528	2.4	92	0.00
79 T	2-Chlorotoluene	2.806	2.631	6.2	91	0.00
80 T	1,3,5-Trimethylbenzene	3.322	3.200	3.7	92	0.00
81 T	trans-1,4-Dichloro-2-butene	0.501	0.460	8.2	89	0.00
82 T	4-Chlorotoluene	2.873	2.726	5.1	92	0.00
83 T	tert-Butylbenzene	2.813	2.722	3.2	94	0.00
84 T	1,2,4-Trimethylbenzene	3.303	3.222	2.5	92	0.00
85 T	sec-Butylbenzene	3.742	3.650	2.5	92	0.00
86 T	p-Isopropyltoluene	3.389	3.316	2.2	92	0.00
87 T	1,3-Dichlorobenzene	1.775	1.605	9.6	90	0.00
88 T	1,4-Dichlorobenzene	1.790	1.600	10.6	90	0.00
89 T	n-Butylbenzene	3.177	2.975	6.4	89	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.641	0.632	1.4	94	0.00
91 T	1,2-Dichlorobenzene	1.750	1.586	9.4	90	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.367	0.294	19.9	93	0.00
93 T	1,2,4-Trichlorobenzene	1.130	0.998	11.7	91	0.00
94 T	Hexachlorobutadiene	0.605	0.483	20.2	89	0.00
95 T	Naphthalene	3.374	2.995	11.2	92	0.00
96 T	1,2,3-Trichlorobenzene	1.143	0.987	13.6	94	0.00

(#) = Out of Range

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