

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN033019\
 Data File : VN054839.D
 Acq On : 31 Mar 2019 8:23
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Apr 01 02:24:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 00:48:18 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	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	50.000	50.000	0.0	79	0.00
2 T	Dichlorodifluoromethane	150.000	46.746	68.8#	28	0.00
3 P	Chloromethane	150.000	49.768	66.8#	29	0.00
4 C	Vinyl Chloride	150.000	51.506	65.7#	31	0.00
5 T	Bromomethane	150.000	42.335	71.8#	23	0.00
6 T	Chloroethane	150.000	51.771	65.5#	31	0.00
7 T	Trichlorofluoromethane	150.000	52.771	64.8#	31	0.00
8 T	Diethyl Ether	150.000	56.092	62.6#	33	0.00
9 T	1,1,2-Trichlorotrifluoroeth	150.000	47.944	68.0#	29	0.00
10 T	Methyl Iodide	150.000	40.689	72.9#	21	0.00
11 T	Tert butyl alcohol	750.000	336.164	55.2#	36	0.00
12 CM	1,1-Dichloroethene	150.000	53.983	64.0#	32	0.00
13 T	Acrolein	750.000	271.980	63.7#	27	0.00
14 T	Allyl chloride	150.000	50.495	66.3#	28	0.00
15 T	Acrylonitrile	750.000	309.296	58.8#	34	0.00
16 T	Acetone	750.000	264.919	64.7#	32	0.00
17 T	Carbon Disulfide	150.000	51.235	65.8#	27	0.00
18 T	Methyl Acetate	150.000	65.812	56.1#	35	0.00
19 T	Methyl tert-butyl Ether	150.000	58.892	60.7#	32	0.00
20 T	Methylene Chloride	150.000	53.625	64.3#	32	0.00
21 T	trans-1,2-Dichloroethene	150.000	54.401	63.7#	31	0.00
22 T	Diisopropyl ether	150.000	57.929	61.4#	32	0.00
23 T	Vinyl Acetate	750.000	302.942	59.6#	31	0.00
24 P	1,1-Dichloroethane	150.000	56.253	62.5#	32	0.00
25 T	2-Butanone	750.000	319.247	57.4#	34	0.00
26 T	2,2-Dichloropropane	150.000	26.183	82.5#	14	0.00
27 T	cis-1,2-Dichloroethene	150.000	56.167	62.6#	32	0.00
28 T	Bromochloromethane	150.000	55.679	62.9#	31	0.00
29 T	Tetrahydrofuran	750.000	314.245	58.1#	35	0.00
30 C	Chloroform	150.000	57.375	61.8#	33	0.00
31 T	Cyclohexane	150.000	55.028	63.3#	30	0.00
32 T	1,1,1-Trichloroethane	150.000	56.951	62.0#	31	0.00
33 S	1,2-Dichloroethane-d4	150.000	54.391	63.7#	32	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	87	0.00
35 S	Dibromofluoromethane	150.000	49.708	66.9#	31	0.00
36 T	1,1-Dichloropropene	150.000	50.527	66.3#	30	0.00
37 T	Ethyl Acetate	150.000	57.694	61.5#	35	0.00
38 T	Carbon Tetrachloride	150.000	50.224	66.5#	31	0.00
39 T	Methylcyclohexane	150.000	44.797	70.1#	26	0.00
40 TM	Benzene	150.000	53.413	64.4#	32	0.00
41 T	Methacrylonitrile	150.000	57.303	61.8#	33	0.00
42 TM	1,2-Dichloroethane	150.000	53.976	64.0#	33	0.00
43 T	Isopropyl Acetate	150.000	59.845	60.1#	32	0.00
44 TM	Trichloroethene	150.000	51.658	65.6#	31	0.00
45 C	1,2-Dichloropropane	150.000	52.513	65.0#	32	0.00

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Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	150.000	53.770	64.2#	32	0.00
47 T	Bromodichloromethane	150.000	55.028	63.3#	31	0.00
48 T	Methyl methacrylate	150.000	56.270	62.5#	32	0.00
49 T	1,4-Dioxane	3000.000	1234.238	58.9#	35	0.00
50 S	Toluene-d8	150.000	49.316	67.1#	30	0.00
51 T	4-Methyl-2-Pentanone	750.000	308.978	58.8#	35	0.00
52 CM	Toluene	150.000	53.183	64.5#	31	0.00
53 T	t-1,3-Dichloropropene	150.000	49.471	67.0#	25	0.00
54 T	cis-1,3-Dichloropropene	150.000	50.367	66.4#	26	0.00
55 T	1,1,2-Trichloroethane	150.000	54.832	63.4#	33	0.00
56 T	Ethyl methacrylate	150.000	57.910	61.4#	31	0.00
57 T	1,3-Dichloropropane	150.000	54.773	63.5#	32	0.00
58 T	2-Chloroethyl Vinyl ether	750.000	253.890	66.1#	28	0.00
59 T	2-Hexanone	750.000	297.555	60.3#	33	0.00
60 T	Dibromochloromethane	150.000	56.950	62.0#	30	0.00
61 T	1,2-Dibromoethane	150.000	55.335	63.1#	31	0.00
62 S	4-Bromofluorobenzene	150.000	48.645	67.6#	28	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	86	0.00
64 T	Tetrachloroethene	150.000	53.028	64.6#	34	0.00
65 PM	Chlorobenzene	150.000	50.990	66.0#	30	0.00
66 T	1,1,1,2-Tetrachloroethane	150.000	54.507	63.7#	31	0.00
67 C	Ethyl Benzene	150.000	51.181	65.9#	30	0.00
68 T	m/p-Xylenes	300.000	100.957	66.3#	29	0.00
69 T	o-Xylene	150.000	51.178	65.9#	30	0.00
70 T	Styrene	150.000	53.382	64.4#	29	0.00
71 P	Bromoform	150.000	56.846	62.1#	28	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	79	0.00
73 T	Isopropylbenzene	150.000	48.651	67.6#	30	0.00
74 T	N-amyl acetate	150.000	55.427	63.0#	31	0.00
75 P	1,1,2,2-Tetrachloroethane	150.000	59.949	60.0#	33	0.00
76 T	1,2,3-Trichloropropane	150.000	54.570	63.6#	32	0.00
77 T	Bromobenzene	150.000	50.738	66.2#	30	0.00
78 T	n-propylbenzene	150.000	48.671	67.6#	28	0.00
79 T	2-Chlorotoluene	150.000	48.632	67.6#	29	0.00
80 T	1,3,5-Trimethylbenzene	150.000	48.000	68.0#	28	0.00
81 T	trans-1,4-Dichloro-2-butene	150.000	41.874	72.1#	20	0.00
82 T	4-Chlorotoluene	150.000	49.246	67.2#	28	0.00
83 T	tert-Butylbenzene	150.000	53.639	64.2#	29	0.00
84 T	1,2,4-Trimethylbenzene	150.000	50.485	66.3#	29	0.00
85 T	sec-Butylbenzene	150.000	47.025	68.7#	28	0.00
86 T	p-Isopropyltoluene	150.000	46.039	69.3#	26	0.00
87 T	1,3-Dichlorobenzene	150.000	49.077	67.3#	28	0.00
88 T	1,4-Dichlorobenzene	150.000	48.577	67.6#	28	0.00
89 T	n-Butylbenzene	150.000	44.835	70.1#	24	0.00

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	150.000	48.459	67.7#	26	0.00
91 T	1,2-Dichlorobenzene	150.000	48.928	67.4#	29	0.00
92 T	1,2-Dibromo-3-Chloropropane	150.000	58.693	60.9#	31	0.00
93 T	1,2,4-Trichlorobenzene	150.000	47.874	68.1#	23	0.00
94 T	Hexachlorobutadiene	150.000	43.490	71.0#	24	0.00
95 T	Naphthalene	150.000	51.922	65.4#	25	0.00
96 T	1,2,3-Trichlorobenzene	150.000	48.695	67.5#	25	0.00

(#) = Out of Range

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