

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN102518\
 Data File : VN051999.D
 Acq On : 25 Oct 2018 8:41
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 28

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 26 01:15:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 24 10:12:55 2018
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	50.000	50.000	0.0	122	0.00
2 T	Dichlorodifluoromethane	50.000	45.401	9.2	113	0.00
3 P	Chloromethane	50.000	44.290	11.4	110	0.00
4 C	Vinyl Chloride	50.000	42.408	15.2#	105	0.00
5 T	Bromomethane	50.000	43.902	12.2	103	0.00
6 T	Chloroethane	50.000	40.673	18.7	100	0.00
7 T	Trichlorofluoromethane	50.000	44.511	11.0	110	0.00
8 T	Diethyl Ether	50.000	45.142	9.7	109	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	46.661	6.7	115	0.00
10 T	Methyl Iodide	50.000	49.039	1.9	115	0.00
11 T	Tert butyl alcohol	250.000	184.252	26.3#	88	0.00
12 CM	1,1-Dichloroethene	50.000	46.330	7.3#	111	0.00
13 T	Acrolein	250.000	244.880	2.0	127	0.00
14 T	Allyl chloride	50.000	45.860	8.3	110	0.00
15 T	Acrylonitrile	250.000	227.253	9.1	106	0.00
16 T	Acetone	250.000	208.886	16.4	102	0.00
17 T	Carbon Disulfide	50.000	47.166	5.7	113	0.00
18 T	Methyl Acetate	50.000	45.102	9.8	106	0.00
19 T	Methyl tert-butyl Ether	50.000	45.469	9.1	107	0.00
20 T	Methylene Chloride	50.000	44.008	12.0	109	0.00
21 T	trans-1,2-Dichloroethene	50.000	47.231	5.5	113	0.00
22 T	Diisopropyl ether	50.000	46.247	7.5	109	0.00
23 T	Vinyl Acetate	250.000	234.109	6.4	108	0.00
24 P	1,1-Dichloroethane	50.000	45.847	8.3	110	0.00
25 T	2-Butanone	250.000	225.948	9.6	103	0.00
26 T	2,2-Dichloropropane	50.000	48.359	3.3	113	0.00
27 T	cis-1,2-Dichloroethene	50.000	47.243	5.5	112	0.00
28 T	Bromochloromethane	50.000	46.930	6.1	106	0.00
29 T	Tetrahydrofuran	250.000	212.313	15.1	105	0.00
30 C	Chloroform	50.000	45.632	8.7#	109	0.00
31 T	Cyclohexane	50.000	47.078	5.8	111	0.00
32 T	1,1,1-Trichloroethane	50.000	47.123	5.8	110	0.00
33 S	1,2-Dichloroethane-d4	50.000	43.534	12.9	102	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	116	0.00
35 S	Dibromofluoromethane	50.000	47.484	5.0	108	0.00
36 T	1,1-Dichloropropene	50.000	48.089	3.8	110	0.00
37 T	Ethyl Acetate	50.000	45.973	8.1	103	0.00
38 T	Carbon Tetrachloride	50.000	50.696	-1.4	113	0.00
39 T	Methylcyclohexane	50.000	48.931	2.1	111	0.00
40 TM	Benzene	50.000	48.181	3.6	109	0.00
41 T	Methacrylonitrile	50.000	50.385	-0.8	118	0.00
42 TM	1,2-Dichloroethane	50.000	46.253	7.5	106	0.00
43 T	Isopropyl Acetate	50.000	47.639	4.7	107	0.00
44 TM	Trichloroethene	50.000	50.379	-0.8	116	0.00
45 C	1,2-Dichloropropane	50.000	49.148	1.7#	110	0.00

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 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	46.654	6.7	106	0.00
47 T	Bromodichloromethane	50.000	49.793	0.4	110	0.00
48 T	Methyl methacrylate	50.000	46.808	6.4	106	0.00
49 T	1,4-Dioxane	1000.000	738.100	26.2#	77	0.00
50 S	Toluene-d8	50.000	47.800	4.4	108	0.00
51 T	4-Methyl-2-Pentanone	250.000	230.955	7.6	104	0.00
52 CM	Toluene	50.000	49.636	0.7#	110	0.00
53 T	t-1,3-Dichloropropene	50.000	46.826	6.3	109	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.560	-3.1	111	0.00
55 T	1,1,2-Trichloroethane	50.000	47.943	4.1	108	0.00
56 T	Ethyl methacrylate	50.000	48.882	2.2	106	0.00
57 T	1,3-Dichloropropane	50.000	47.339	5.3	108	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	245.932	1.6	108	0.00
59 T	2-Hexanone	250.000	235.376	5.8	103	0.00
60 T	Dibromochloromethane	50.000	46.017	8.0	110	0.00
61 T	1,2-Dibromoethane	50.000	48.664	2.7	106	0.00
62 S	4-Bromofluorobenzene	50.000	47.395	5.2	105	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	115	0.00
64 T	Tetrachloroethene	50.000	50.043	-0.1	118	0.00
65 PM	Chlorobenzene	50.000	49.203	1.6	112	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.682	-1.4	110	0.00
67 C	Ethyl Benzene	50.000	48.751	2.5#	109	0.00
68 T	m/p-Xylenes	100.000	102.445	-2.4	111	0.00
69 T	o-Xylene	50.000	50.382	-0.8	110	0.00
70 T	Styrene	50.000	51.102	-2.2	110	0.00
71 P	Bromoform	50.000	43.211	13.6	109	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	101	0.00
73 T	Isopropylbenzene	50.000	53.694	-7.4	109	0.00
74 T	N-amyl acetate	50.000	47.626	4.7	99	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	43.941	12.1	91	0.00
76 T	1,2,3-Trichloropropane	50.000	44.394	11.2	92	0.00
77 T	Bromobenzene	50.000	54.455	-8.9	112	0.00
78 T	n-propylbenzene	50.000	53.229	-6.5	108	0.00
79 T	2-Chlorotoluene	50.000	52.268	-4.5	107	0.00
80 T	1,3,5-Trimethylbenzene	50.000	53.264	-6.5	105	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	49.256	1.5	103	0.00
82 T	4-Chlorotoluene	50.000	52.147	-4.3	105	0.00
83 T	tert-Butylbenzene	50.000	52.082	-4.2	103	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.846	-3.7	102	0.00
85 T	sec-Butylbenzene	50.000	51.017	-2.0	101	0.00
86 T	p-Isopropyltoluene	50.000	52.119	-4.2	102	0.00
87 T	1,3-Dichlorobenzene	50.000	51.114	-2.2	103	0.00
88 T	1,4-Dichlorobenzene	50.000	50.384	-0.8	100	0.00
89 T	n-Butylbenzene	50.000	48.387	3.2	96	0.00

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90 T	Hexachloroethane	50.000	51.993	-4.0	100	0.00
91 T	1,2-Dichlorobenzene	50.000	47.246	5.5	94	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	31.003	38.0#	63	0.00
93 T	1,2,4-Trichlorobenzene	50.000	27.650	44.7#	56	0.00
94 T	Hexachlorobutadiene	50.000	34.269	31.5#	73	0.00
95 T	Naphthalene	50.000	23.337	53.3#	44	0.00
96 T	1,2,3-Trichlorobenzene	50.000	21.500	57.0#	44	0.00

(#) = Out of Range

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