

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN030620\
 Data File : VN060388.D
 Acq On : 6 Mar 2020 18:07
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Mar 07 04:20:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 27 13:52:50 2020
 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	88	0.00
2 T	Dichlorodifluoromethane	50.000	40.870	18.3	74	0.00
3 P	Chloromethane	50.000	43.290	13.4	81	0.00
4 C	Vinyl Chloride	50.000	41.490	17.0#	77	0.00
5 T	Bromomethane	50.000	37.477	25.0#	67	0.00
6 T	Chloroethane	50.000	42.071	15.9	79	0.00
7 T	Trichlorofluoromethane	50.000	42.510	15.0	78	0.00
8 T	Diethyl Ether	50.000	44.932	10.1	82	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	43.356	13.3	79	0.00
10 T	Methyl Iodide	50.000	39.936	20.1	73	0.00
11 T	Tert butyl alcohol	250.000	241.314	3.5	85	0.00
12 CM	1,1-Dichloroethene	50.000	43.938	12.1#	77	0.00
13 T	Acrolein	250.000	280.662	-12.3	93	0.00
14 T	Allyl chloride	50.000	42.312	15.4	75	0.00
15 T	Acrylonitrile	250.000	255.856	-2.3	88	0.00
16 T	Acetone	250.000	247.442	1.0	89	0.00
17 T	Carbon Disulfide	50.000	41.928	16.1	74	0.00
18 T	Methyl Acetate	50.000	48.231	3.5	91	0.00
19 T	Methyl tert-butyl Ether	50.000	46.578	6.8	84	0.00
20 T	Methylene Chloride	50.000	44.302	11.4	83	0.00
21 T	trans-1,2-Dichloroethene	50.000	44.824	10.4	80	0.00
22 T	Diisopropyl ether	50.000	48.421	3.2	87	0.00
23 T	Vinyl Acetate	250.000	244.079	2.4	85	0.00
24 P	1,1-Dichloroethane	50.000	47.255	5.5	85	0.00
25 T	2-Butanone	250.000	255.770	-2.3	90	0.00
26 T	2,2-Dichloropropane	50.000	44.906	10.2	82	0.00
27 T	cis-1,2-Dichloroethene	50.000	43.020	14.0	83	0.00
28 T	Bromochloromethane	50.000	48.700	2.6	94	0.00
29 T	Tetrahydrofuran	250.000	248.390	0.6	89	0.00
30 C	Chloroform	50.000	47.086	5.8#	86	0.00
31 T	Cyclohexane	50.000	46.521	7.0	82	0.00
32 T	1,1,1-Trichloroethane	50.000	46.767	6.5	85	0.00
33 S	1,2-Dichloroethane-d4	50.000	48.954	2.1	90	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	90	0.00
35 S	Dibromofluoromethane	50.000	58.384	-16.8	108	0.00
36 T	1,1-Dichloropropene	50.000	43.362	13.3	84	0.00
37 T	Ethyl Acetate	50.000	48.983	2.0	89	0.00
38 T	Carbon Tetrachloride	50.000	44.487	11.0	82	0.00
39 T	Methylcyclohexane	50.000	41.289	17.4	79	0.00
40 TM	Benzene	50.000	45.245	9.5	85	0.00
41 T	Methacrylonitrile	50.000	42.286	15.4	75	0.00
42 TM	1,2-Dichloroethane	50.000	46.130	7.7	85	0.00
43 T	Isopropyl Acetate	50.000	49.044	1.9	89	0.00
44 TM	Trichloroethene	50.000	43.936	12.1	84	0.00
45 C	1,2-Dichloropropane	50.000	47.675	4.7#	87	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	45.552	8.9	84	0.00
47 T	Bromodichloromethane	50.000	47.563	4.9	86	0.00
48 T	Methyl methacrylate	50.000	46.961	6.1	86	0.00
49 T	1,4-Dioxane	1000.000	930.504	6.9	89	0.00
50 S	Toluene-d8	50.000	46.952	6.1	90	0.00
51 T	4-Methyl-2-Pentanone	250.000	253.518	-1.4	90	0.00
52 CM	Toluene	50.000	45.167	9.7#	84	0.00
53 T	t-1,3-Dichloropropene	50.000	45.275	9.5	85	0.00
54 T	cis-1,3-Dichloropropene	50.000	45.945	8.1	86	0.00
55 T	1,1,2-Trichloroethane	50.000	45.426	9.1	86	0.00
56 T	Ethyl methacrylate	50.000	49.565	0.9	87	0.00
57 T	1,3-Dichloropropane	50.000	47.224	5.6	86	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	248.714	0.5	89	0.00
59 T	2-Hexanone	250.000	250.190	-0.1	89	0.00
60 T	Dibromochloromethane	50.000	48.653	2.7	88	0.00
61 T	1,2-Dibromoethane	50.000	47.394	5.2	86	0.00
62 S	4-Bromofluorobenzene	50.000	48.428	3.1	92	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	92	0.00
64 T	Tetrachloroethene	50.000	47.732	4.5	85	0.00
65 PM	Chlorobenzene	50.000	43.787	12.4	84	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	45.803	8.4	86	0.00
67 C	Ethyl Benzene	50.000	44.529	10.9#	84	0.00
68 T	m/p-Xylenes	100.000	87.314	12.7	84	0.00
69 T	o-Xylene	50.000	44.372	11.3	84	0.00
70 T	Styrene	50.000	45.434	9.1	84	0.00
71 P	Bromoform	50.000	48.683	2.6	86	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	92	0.00
73 T	Isopropylbenzene	50.000	43.558	12.9	83	0.00
74 T	N-amyl acetate	50.000	46.050	7.9	88	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	47.142	5.7	89	0.00
76 T	1,2,3-Trichloropropane	50.000	40.963	18.1	78	0.00
77 T	Bromobenzene	50.000	43.283	13.4	84	0.00
78 T	n-propylbenzene	50.000	43.272	13.5	83	0.00
79 T	2-Chlorotoluene	50.000	43.518	13.0	85	0.00
80 T	1,3,5-Trimethylbenzene	50.000	43.756	12.5	83	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	46.009	8.0	84	0.00
82 T	4-Chlorotoluene	50.000	43.413	13.2	85	0.00
83 T	tert-Butylbenzene	50.000	42.565	14.9	81	0.00
84 T	1,2,4-Trimethylbenzene	50.000	43.545	12.9	83	0.00
85 T	sec-Butylbenzene	50.000	42.623	14.8	81	0.00
86 T	p-Isopropyltoluene	50.000	41.290	17.4	80	0.00
87 T	1,3-Dichlorobenzene	50.000	45.163	9.7	82	0.00
88 T	1,4-Dichlorobenzene	50.000	45.158	9.7	83	0.00
89 T	n-Butylbenzene	50.000	40.556	18.9	78	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	40.932	18.1	76	0.00
91 T	1,2-Dichlorobenzene	50.000	42.921	14.2	83	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	44.752	10.5	86	0.00
93 T	1,2,4-Trichlorobenzene	50.000	42.825	14.3	79	0.00
94 T	Hexachlorobutadiene	50.000	42.370	15.3	78	0.00
95 T	Naphthalene	50.000	44.430	11.1	81	0.00
96 T	1,2,3-Trichlorobenzene	50.000	43.163	13.7	80	0.00

(#) = Out of Range

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