

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032822\
 Data File : VN071603.D
 Acq On : 28 Mar 2022 14:13
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Mar 29 04:38:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 25 09:52:40 2022
 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	106	0.00
2 T	Dichlorodifluoromethane	50.000	43.128	13.7	96	0.00
3 P	Chloromethane	50.000	43.587	12.8	94	0.00
4 C	Vinyl Chloride	50.000	42.319	15.4#	95	0.00
5 T	Bromomethane	50.000	50.578	-1.2	96	0.00
6 T	Chloroethane	50.000	44.291	11.4	104	0.00
7 T	Trichlorofluoromethane	50.000	44.474	11.1	99	0.00
8 T	Diethyl Ether	50.000	44.817	10.4	99	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	44.188	11.6	99	0.00
10 T	Methyl Iodide	50.000	45.536	8.9	97	0.00
11 T	Tert butyl alcohol	250.000	215.813	13.7	94	0.00
12 CM	1,1-Dichloroethene	50.000	44.074	11.9#	97	0.00
13 T	Acrolein	250.000	206.477	17.4	93	0.00
14 T	Allyl chloride	50.000	44.862	10.3	99	0.00
15 T	Acrylonitrile	250.000	223.760	10.5	98	0.00
16 T	Acetone	250.000	222.844	10.9	98	0.00
17 T	Carbon Disulfide	50.000	40.355	19.3	91	0.00
18 T	Methyl Acetate	50.000	45.252	9.5	98	0.00
19 T	Methyl tert-butyl Ether	50.000	46.447	7.1	103	0.00
20 T	Methylene Chloride	50.000	42.523	15.0	99	0.00
21 T	trans-1,2-Dichloroethene	50.000	43.549	12.9	97	0.00
22 T	Diisopropyl ether	50.000	46.383	7.2	100	0.00
23 T	Vinyl Acetate	250.000	234.562	6.2	100	0.00
24 P	1,1-Dichloroethane	50.000	44.746	10.5	99	0.00
25 T	2-Butanone	250.000	222.326	11.1	97	0.00
26 T	2,2-Dichloropropane	50.000	46.954	6.1	103	0.00
27 T	cis-1,2-Dichloroethene	50.000	45.725	8.5	102	0.00
28 T	Bromochloromethane	50.000	38.042	23.9	85	0.00
29 T	Tetrahydrofuran	250.000	221.192	11.5	97	0.00
30 C	Chloroform	50.000	46.374	7.3#	103	0.00
31 T	Cyclohexane	50.000	42.750	14.5	98	0.00
32 T	1,1,1-Trichloroethane	50.000	46.213	7.6	101	0.00
33 S	1,2-Dichloroethane-d4	50.000	46.147	7.7	103	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	102	0.00
35 S	Dibromofluoromethane	50.000	49.093	1.8	105	0.00
36 T	1,1-Dichloropropene	50.000	46.541	6.9	99	0.00
37 T	Ethyl Acetate	50.000	48.777	2.4	99	0.00
38 T	Carbon Tetrachloride	50.000	47.950	4.1	102	0.00
39 T	Methylcyclohexane	50.000	47.197	5.6	96	0.00
40 TM	Benzene	50.000	46.719	6.6	100	0.00
41 T	Methacrylonitrile	50.000	50.240	-0.5	106	0.00
42 TM	1,2-Dichloroethane	50.000	46.654	6.7	99	0.00
43 T	Isopropyl Acetate	50.000	48.260	3.5	103	0.00
44 TM	Trichloroethene	50.000	46.880	6.2	101	0.00
45 C	1,2-Dichloropropane	50.000	47.055	5.9#	100	0.00
46 T	Dibromomethane	50.000	47.493	5.0	102	0.00
47 T	Bromodichloromethane	50.000	48.752	2.5	102	0.00
48 T	Methyl methacrylate	50.000	49.894	0.2	101	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)
49 T	1,4-Dioxane	1000.000	892.113	10.8	91	0.00
50 S	Toluene-d8	50.000	48.455	3.1	105	0.00
51 T	4-Methyl-2-Pentanone	250.000	239.043	4.4	99	0.00
52 CM	Toluene	50.000	48.295	3.4#	101	0.00
53 T	t-1,3-Dichloropropene	50.000	49.589	0.8	101	0.00
54 T	cis-1,3-Dichloropropene	50.000	49.652	0.7	102	0.00
55 T	1,1,2-Trichloroethane	50.000	47.687	4.6	103	0.00
56 T	Ethyl methacrylate	50.000	50.423	-0.8	101	0.00
57 T	1,3-Dichloropropane	50.000	47.714	4.6	101	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	235.219	5.9	103	0.00
59 T	2-Hexanone	250.000	238.825	4.5	97	0.00
60 T	Dibromochloromethane	50.000	49.683	0.6	104	0.00
61 T	1,2-Dibromoethane	50.000	48.257	3.5	101	0.00
62 S	4-Bromofluorobenzene	50.000	49.954	0.1	108	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	102	0.00
64 T	Tetrachloroethene	50.000	46.922	6.2	102	0.00
65 PM	Chlorobenzene	50.000	47.772	4.5	103	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.793	0.4	105	0.00
67 C	Ethyl Benzene	50.000	49.294	1.4#	102	0.00
68 T	m/p-Xylenes	100.000	100.087	-0.1	102	0.00
69 T	o-Xylene	50.000	50.413	-0.8	103	0.00
70 T	Styrene	50.000	51.810	-3.6	104	0.00
71 P	Bromoform	50.000	51.803	-3.6	105	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	105	0.00
73 T	Isopropylbenzene	50.000	46.921	6.2	103	0.00
74 T	N-ethyl acetate	50.000	46.645	6.7	99	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	50.354	-0.7	101	0.00
76 T	1,2,3-Trichloropropane	50.000	50.380	-0.8	115	0.00
77 T	Bromobenzene	50.000	44.967	10.1	104	0.00
78 T	n-propylbenzene	50.000	48.365	3.3	103	0.00
79 T	2-Chlorotoluene	50.000	45.654	8.7	103	0.00
80 T	1,3,5-Trimethylbenzene	50.000	47.901	4.2	104	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	48.188	3.6	103	0.00
82 T	4-Chlorotoluene	50.000	46.899	6.2	103	0.00
83 T	tert-Butylbenzene	50.000	48.809	2.4	106	0.00
84 T	1,2,4-Trimethylbenzene	50.000	48.613	2.8	104	0.00
85 T	sec-Butylbenzene	50.000	48.860	2.3	104	0.00
86 T	p-Isopropyltoluene	50.000	50.517	-1.0	104	0.00
87 T	1,3-Dichlorobenzene	50.000	47.268	5.5	104	0.00
88 T	1,4-Dichlorobenzene	50.000	45.550	8.9	103	0.00
89 T	n-Butylbenzene	50.000	49.077	1.8	104	0.00
90 T	Hexachloroethane	50.000	46.603	6.8	103	0.00
91 T	1,2-Dichlorobenzene	50.000	47.034	5.9	104	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	44.847	10.3	99	0.00
93 T	1,2,4-Trichlorobenzene	50.000	48.579	2.8	104	0.00
94 T	Hexachlorobutadiene	50.000	46.826	6.3	104	0.00
95 T	Naphthalene	50.000	43.663	12.7	100	0.00

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	48.026	3.9	102	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6