

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050123\
 Data File : VN077549.D
 Acq On : 01 May 2023 18:01
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: May 01 22:05:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042423W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:50:59 2023
 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	108	0.00
2 T	Dichlorodifluoromethane	50.000	39.852	20.3	88	0.00
3 P	Chloromethane	50.000	37.083	25.8#	84	0.00
4 C	Vinyl Chloride	50.000	39.741	20.5#	88	0.00
5 T	Bromomethane	50.000	36.930	26.1#	85	0.00
6 T	Chloroethane	50.000	36.274	27.5#	86	0.00
7 T	Trichlorofluoromethane	50.000	42.894	14.2	95	0.00
8 T	Diethyl Ether	50.000	41.146	17.7	93	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	42.385	15.2	96	0.00
10 T	Methyl Iodide	50.000	41.186	17.6	87	0.00
11 T	Tert butyl alcohol	250.000	204.007	18.4	94	0.00
12 CM	1,1-Dichloroethene	50.000	41.130	17.7#	94	0.00
13 T	Acrolein	250.000	229.198	8.3	109	0.00
14 T	Allyl chloride	50.000	41.453	17.1	87	0.00
15 T	Acrylonitrile	250.000	221.875	11.3	99	0.00
16 T	Acetone	250.000	192.506	23.0	93	0.00
17 T	Carbon Disulfide	50.000	36.204	27.6#	81	0.00
18 T	Methyl Acetate	50.000	43.712	12.6	100	0.00
19 T	Methyl tert-butyl Ether	50.000	43.541	12.9	98	0.00
20 T	Methylene Chloride	50.000	41.007	18.0	94	0.00
21 T	trans-1,2-Dichloroethene	50.000	41.523	17.0	95	0.00
22 T	Diisopropyl ether	50.000	40.985	18.0	91	0.00
23 T	Vinyl Acetate	250.000	204.286	18.3	89	0.00
24 P	1,1-Dichloroethane	50.000	41.959	16.1	92	0.00
25 T	2-Butanone	250.000	208.475	16.6	95	0.00
26 T	2,2-Dichloropropane	50.000	42.017	16.0	92	0.00
27 T	cis-1,2-Dichloroethene	50.000	44.007	12.0	99	0.00
28 T	Bromochloromethane	50.000	42.061	15.9	85	0.00
29 T	Tetrahydrofuran	250.000	212.739	14.9	96	0.00
30 C	Chloroform	50.000	45.455	9.1#	101	0.00
31 T	Cyclohexane	50.000	37.542	24.9	88	0.00
32 T	1,1,1-Trichloroethane	50.000	45.217	9.6	97	0.00
33 S	1,2-Dichloroethane-d4	50.000	40.867	18.3	90	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	108	0.00
35 S	Dibromofluoromethane	50.000	40.959	18.1	91	0.00
36 T	1,1-Dichloropropene	50.000	43.607	12.8	94	0.00
37 T	Ethyl Acetate	50.000	42.751	14.5	97	0.00
38 T	Carbon Tetrachloride	50.000	45.268	9.5	97	0.00
39 T	Methylcyclohexane	50.000	43.465	13.1	92	0.00
40 TM	Benzene	50.000	44.507	11.0	97	0.00
41 T	Methacrylonitrile	50.000	42.661	14.7	93	0.00
42 TM	1,2-Dichloroethane	50.000	43.473	13.1	96	0.00
43 T	Isopropyl Acetate	50.000	42.498	15.0	92	0.00
44 TM	Trichloroethene	50.000	44.963	10.1	98	0.00
45 C	1,2-Dichloropropane	50.000	43.754	12.5#	95	0.00
46 T	Dibromomethane	50.000	44.303	11.4	99	0.00
47 T	Bromodichloromethane	50.000	46.013	8.0	99	0.00
48 T	Methyl methacrylate	50.000	40.918	18.2	91	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	916.100	8.4	106	0.00
50 S	Toluene-d8	50.000	43.071	13.9	91	0.00
51 T	4-Methyl-2-Pentanone	250.000	218.448	12.6	97	0.00
52 CM	Toluene	50.000	46.080	7.8#	97	0.00
53 T	t-1,3-Dichloropropene	50.000	46.294	7.4	95	0.00
54 T	cis-1,3-Dichloropropene	50.000	45.823	8.4	95	0.00
55 T	1,1,2-Trichloroethane	50.000	45.957	8.1	100	0.00
56 T	Ethyl methacrylate	50.000	46.867	6.3	100	0.00
57 T	1,3-Dichloropropane	50.000	47.215	5.6	101	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	237.673	4.9	94	0.00
59 T	2-Hexanone	250.000	218.758	12.5	97	0.00
60 T	Dibromochloromethane	50.000	47.892	4.2	100	0.00
61 T	1,2-Dibromoethane	50.000	47.009	6.0	102	0.00
62 S	4-Bromofluorobenzene	50.000	46.720	6.6	96	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	108	0.00
64 T	Tetrachloroethene	50.000	42.679	14.6	94	0.00
65 PM	Chlorobenzene	50.000	44.048	11.9	98	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	44.862	10.3	101	0.00
67 C	Ethyl Benzene	50.000	45.452	9.1#	99	0.00
68 T	m/p-Xylenes	100.000	91.158	8.8	99	0.00
69 T	o-Xylene	50.000	46.393	7.2	100	0.00
70 T	Styrene	50.000	47.798	4.4	100	0.00
71 P	Bromoform	50.000	47.900	4.2	102	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	111	0.00
73 T	Isopropylbenzene	50.000	43.015	14.0	100	0.00
74 T	N-amyl acetate	50.000	38.095	23.8	91	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	40.728	18.5	102	0.00
76 T	1,2,3-Trichloropropane	50.000	43.128	13.7	105	0.00
77 T	Bromobenzene	50.000	41.637	16.7	101	0.00
78 T	n-propylbenzene	50.000	44.131	11.7	99	0.00
79 T	2-Chlorotoluene	50.000	42.903	14.2	99	0.00
80 T	1,3,5-Trimethylbenzene	50.000	48.897	2.2	102	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	41.275	17.5	93	0.00
82 T	4-Chlorotoluene	50.000	43.925	12.2	99	0.00
83 T	tert-Butylbenzene	50.000	42.535	14.9	99	0.00
84 T	1,2,4-Trimethylbenzene	50.000	49.656	0.7	98	0.00
85 T	sec-Butylbenzene	50.000	45.075	9.8	100	0.00
86 T	p-Isopropyltoluene	50.000	46.643	6.7	99	0.00
87 T	1,3-Dichlorobenzene	50.000	43.383	13.2	101	0.00
88 T	1,4-Dichlorobenzene	50.000	43.152	13.7	99	0.00
89 T	n-Butylbenzene	50.000	49.473	1.1	97	0.00
90 T	Hexachloroethane	50.000	40.772	18.5	96	0.00
91 T	1,2-Dichlorobenzene	50.000	42.531	14.9	98	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	39.705	20.6	98	0.00
93 T	1,2,4-Trichlorobenzene	50.000	44.838	10.3	93	0.02
94 T	Hexachlorobutadiene	50.000	43.643	12.7	99	0.04
95 T	Naphthalene	50.000	45.441	9.1	94	0.05

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	44.933	10.1	93	0.09

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