

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031924\
 Data File : VN081484.D
 Acq On : 19 Mar 2024 20:31
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Mar 20 01:25:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 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	115	0.00
2 T	Dichlorodifluoromethane	50.000	44.830	10.3	108	0.00
3 P	Chloromethane	50.000	41.918	16.2	103	0.00
4 C	Vinyl Chloride	50.000	43.982	12.0#	107	0.00
5 T	Bromomethane	50.000	38.521	23.0	94	0.00
6 T	Chloroethane	50.000	41.911	16.2	102	0.00
7 T	Trichlorofluoromethane	50.000	44.357	11.3	105	0.00
8 T	Diethyl Ether	50.000	46.907	6.2	107	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	43.876	12.2	105	0.00
10 T	Methyl Iodide	50.000	53.746	-7.5	116	0.00
11 T	Tert butyl alcohol	250.000	198.746	20.5	90	0.00
12 CM	1,1-Dichloroethene	50.000	45.359	9.3#	107	0.00
13 T	Acrolein	250.000	229.067	8.4	96	0.00
14 T	Allyl chloride	50.000	46.412	7.2	108	0.00
15 T	Acrylonitrile	250.000	214.102	14.4	101	0.00
16 T	Acetone	250.000	218.732	12.5	108	0.00
17 T	Carbon Disulfide	50.000	41.944	16.1	103	0.00
18 T	Methyl Acetate	50.000	45.411	9.2	104	0.00
19 T	Methyl tert-butyl Ether	50.000	47.711	4.6	107	0.00
20 T	Methylene Chloride	50.000	43.957	12.1	108	0.00
21 T	trans-1,2-Dichloroethene	50.000	43.872	12.3	107	0.00
22 T	Diisopropyl ether	50.000	49.341	1.3	110	0.00
23 T	Vinyl Acetate	250.000	239.565	4.2	104	0.00
24 P	1,1-Dichloroethane	50.000	45.580	8.8	109	0.00
25 T	2-Butanone	250.000	218.979	12.4	100	0.00
26 T	2,2-Dichloropropane	50.000	44.854	10.3	100	0.00
27 T	cis-1,2-Dichloroethene	50.000	45.139	9.7	106	0.00
28 T	Bromochloromethane	50.000	45.290	9.4	106	0.00
29 T	Tetrahydrofuran	250.000	216.569	13.4	97	0.00
30 C	Chloroform	50.000	45.241	9.5#	106	0.00
31 T	Cyclohexane	50.000	44.248	11.5	109	0.00
32 T	1,1,1-Trichloroethane	50.000	46.003	8.0	108	0.00
33 S	1,2-Dichloroethane-d4	50.000	48.836	2.3	109	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	117	0.00
35 S	Dibromofluoromethane	50.000	49.811	0.4	110	0.00
36 T	1,1-Dichloropropene	50.000	46.530	6.9	107	0.00
37 T	Ethyl Acetate	50.000	43.689	12.6	101	0.00
38 T	Carbon Tetrachloride	50.000	45.261	9.5	105	0.00
39 T	Methylcyclohexane	50.000	48.480	3.0	106	0.00
40 TM	Benzene	50.000	46.150	7.7	105	0.00
41 T	Methacrylonitrile	50.000	47.991	4.0	114	0.00
42 TM	1,2-Dichloroethane	50.000	46.144	7.7	109	0.00
43 T	Isopropyl Acetate	50.000	48.658	2.7	110	0.00
44 TM	Trichloroethene	50.000	45.500	9.0	108	0.00
45 C	1,2-Dichloropropane	50.000	48.144	3.7#	110	0.00
46 T	Dibromomethane	50.000	45.168	9.7	107	0.00
47 T	Bromodichloromethane	50.000	45.911	8.2	104	0.00
48 T	Methyl methacrylate	50.000	47.105	5.8	105	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	823.448	17.7	93	0.00
50 S	Toluene-d8	50.000	49.700	0.6	109	0.00
51 T	4-Methyl-2-Pentanone	250.000	223.120	10.8	99	0.00
52 CM	Toluene	50.000	46.424	7.2#	106	0.00
53 T	t-1,3-Dichloropropene	50.000	46.972	6.1	105	0.00
54 T	cis-1,3-Dichloropropene	50.000	46.853	6.3	106	0.00
55 T	1,1,2-Trichloroethane	50.000	45.029	9.9	106	0.00
56 T	Ethyl methacrylate	50.000	45.787	8.4	106	0.00
57 T	1,3-Dichloropropane	50.000	46.982	6.0	106	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	275.393	-10.2	105	0.00
59 T	2-Hexanone	250.000	223.077	10.8	97	0.00
60 T	Dibromochloromethane	50.000	45.107	9.8	104	0.00
61 T	1,2-Dibromoethane	50.000	45.511	9.0	103	0.00
62 S	4-Bromofluorobenzene	50.000	49.875	0.3	107	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	112	0.00
64 T	Tetrachloroethene	50.000	45.821	8.4	107	0.00
65 PM	Chlorobenzene	50.000	46.265	7.5	105	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	46.135	7.7	103	0.00
67 C	Ethyl Benzene	50.000	48.730	2.5#	105	0.00
68 T	m/p-Xylenes	100.000	97.997	2.0	104	0.00
69 T	o-Xylene	50.000	48.642	2.7	105	0.00
70 T	Styrene	50.000	49.923	0.2	104	0.00
71 P	Bromoform	50.000	45.962	8.1	101	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	115	0.00
73 T	Isopropylbenzene	50.000	47.915	4.2	103	0.00
74 T	N-ethyl acetate	50.000	48.588	2.8	101	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	41.956	16.1	98	0.00
76 T	1,2,3-Trichloropropane	50.000	41.767	16.5	98	0.00
77 T	Bromobenzene	50.000	44.149	11.7	102	0.00
78 T	n-propylbenzene	50.000	48.309	3.4	103	0.00
79 T	2-Chlorotoluene	50.000	47.269	5.5	105	0.00
80 T	1,3,5-Trimethylbenzene	50.000	48.947	2.1	103	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	43.903	12.2	93	0.00
82 T	4-Chlorotoluene	50.000	47.634	4.7	103	0.00
83 T	tert-Butylbenzene	50.000	48.282	3.4	104	0.00
84 T	1,2,4-Trimethylbenzene	50.000	49.351	1.3	105	0.00
85 T	sec-Butylbenzene	50.000	48.046	3.9	102	0.00
86 T	p-Isopropyltoluene	50.000	50.080	-0.2	105	0.00
87 T	1,3-Dichlorobenzene	50.000	44.674	10.7	103	0.00
88 T	1,4-Dichlorobenzene	50.000	45.707	8.6	108	0.00
89 T	n-Butylbenzene	50.000	50.366	-0.7	105	0.00
90 T	Hexachloroethane	50.000	45.615	8.8	102	0.00
91 T	1,2-Dichlorobenzene	50.000	45.543	8.9	106	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	44.106	11.8	100	0.00
93 T	1,2,4-Trichlorobenzene	50.000	46.926	6.1	104	0.00
94 T	Hexachlorobutadiene	50.000	42.062	15.9	96	0.00
95 T	Naphthalene	50.000	49.301	1.4	103	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	45.432	9.1	102	0.00

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