

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111823\
 Data File : VN080195.D
 Acq On : 18 Nov 2023 19:43
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Nov 20 01:29:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 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	85	0.00
2 T	Dichlorodifluoromethane	50.000	50.369	-0.7	86	0.00
3 P	Chloromethane	50.000	42.066	15.9	74	0.00
4 C	Vinyl Chloride	50.000	45.381	9.2#	78	0.00
5 T	Bromomethane	50.000	43.340	13.3	78	0.00
6 T	Chloroethane	50.000	46.659	6.7	79	0.00
7 T	Trichlorofluoromethane	50.000	48.608	2.8	83	0.00
8 T	Diethyl Ether	50.000	45.743	8.5	79	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	45.415	9.2	79	0.00
10 T	Methyl Iodide	50.000	51.247	-2.5	82	0.00
11 T	Tert butyl alcohol	250.000	255.129	-2.1	87	0.01
12 CM	1,1-Dichloroethene	50.000	45.871	8.3#	79	0.00
13 T	Acrolein	250.000	234.040	6.4	87	0.00
14 T	Allyl chloride	50.000	42.700	14.6	72	0.00
15 T	Acrylonitrile	250.000	240.911	3.6	84	0.00
16 T	Acetone	250.000	172.805	30.9#	68	0.00
17 T	Carbon Disulfide	50.000	41.551	16.9	74	0.00
18 T	Methyl Acetate	50.000	45.383	9.2	84	0.00
19 T	Methyl tert-butyl Ether	50.000	49.082	1.8	83	0.00
20 T	Methylene Chloride	50.000	49.138	1.7	84	0.00
21 T	trans-1,2-Dichloroethene	50.000	46.161	7.7	80	0.00
22 T	Diisopropyl ether	50.000	46.392	7.2	78	0.00
23 T	Vinyl Acetate	250.000	232.724	6.9	76	0.00
24 P	1,1-Dichloroethane	50.000	45.531	8.9	82	0.00
25 T	2-Butanone	250.000	205.592	17.8	76	0.00
26 T	2,2-Dichloropropane	50.000	40.740	18.5	69	0.00
27 T	cis-1,2-Dichloroethene	50.000	46.189	7.6	80	0.00
28 T	Bromochloromethane	50.000	46.610	6.8	85	0.00
29 T	Tetrahydrofuran	250.000	246.525	1.4	82	0.00
30 C	Chloroform	50.000	48.563	2.9#	84	0.00
31 T	Cyclohexane	50.000	42.683	14.6	76	0.00
32 T	1,1,1-Trichloroethane	50.000	50.410	-0.8	86	0.00
33 S	1,2-Dichloroethane-d4	50.000	42.105	15.8	78	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	84	0.00
35 S	Dibromofluoromethane	50.000	43.588	12.8	78	0.00
36 T	1,1-Dichloropropene	50.000	49.023	2.0	81	0.00
37 T	Ethyl Acetate	50.000	51.159	-2.3	86	0.00
38 T	Carbon Tetrachloride	50.000	51.533	-3.1	85	0.00
39 T	Methylcyclohexane	50.000	48.902	2.2	76	0.00
40 TM	Benzene	50.000	47.345	5.3	81	0.00
41 T	Methacrylonitrile	50.000	50.222	-0.4	83	0.00
42 TM	1,2-Dichloroethane	50.000	50.555	-1.1	84	0.00
43 T	Isopropyl Acetate	50.000	44.577	10.8	80	0.00
44 TM	Trichloroethene	50.000	47.672	4.7	82	0.00
45 C	1,2-Dichloropropane	50.000	47.228	5.5#	80	0.00
46 T	Dibromomethane	50.000	49.100	1.8	83	0.00
47 T	Bromodichloromethane	50.000	50.820	-1.6	84	0.00
48 T	Methyl methacrylate	50.000	52.107	-4.2	85	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	1048.846	-4.9	93	0.00
50 S	Toluene-d8	50.000	43.731	12.5	75	0.00
51 T	4-Methyl-2-Pentanone	250.000	258.388	-3.4	85	0.00
52 CM	Toluene	50.000	49.821	0.4#	82	0.00
53 T	t-1,3-Dichloropropene	50.000	49.280	1.4	80	0.00
54 T	cis-1,3-Dichloropropene	50.000	49.087	1.8	78	0.00
55 T	1,1,2-Trichloroethane	50.000	49.426	1.1	85	0.00
56 T	Ethyl methacrylate	50.000	54.509	-9.0	82	0.00
57 T	1,3-Dichloropropane	50.000	49.902	0.2	84	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	265.456	-6.2	91	0.00
59 T	2-Hexanone	250.000	235.990	5.6	80	0.00
60 T	Dibromochloromethane	50.000	52.459	-4.9	86	0.00
61 T	1,2-Dibromoethane	50.000	49.200	1.6	83	0.00
62 S	4-Bromofluorobenzene	50.000	44.698	10.6	77	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	85	0.00
64 T	Tetrachloroethene	50.000	49.484	1.0	86	0.00
65 PM	Chlorobenzene	50.000	48.016	4.0	83	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	51.453	-2.9	85	0.00
67 C	Ethyl Benzene	50.000	50.515	-1.0#	83	0.00
68 T	m/p-Xylenes	100.000	102.444	-2.4	83	0.00
69 T	o-Xylene	50.000	52.249	-4.5	84	0.00
70 T	Styrene	50.000	53.034	-6.1	84	0.00
71 P	Bromoform	50.000	52.860	-5.7	89	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	88	0.00
73 T	Isopropylbenzene	50.000	49.804	0.4	84	0.00
74 T	N-amyl acetate	50.000	47.638	4.7	81	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	45.694	8.6	86	0.00
76 T	1,2,3-Trichloropropane	50.000	44.058	11.9	79	0.00
77 T	Bromobenzene	50.000	47.855	4.3	85	0.00
78 T	n-propylbenzene	50.000	48.709	2.6	81	0.00
79 T	2-Chlorotoluene	50.000	49.036	1.9	85	0.00
80 T	1,3,5-Trimethylbenzene	50.000	49.686	0.6	85	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	44.461	11.1	76	0.00
82 T	4-Chlorotoluene	50.000	48.012	4.0	84	0.00
83 T	tert-Butylbenzene	50.000	49.139	1.7	82	0.00
84 T	1,2,4-Trimethylbenzene	50.000	50.148	-0.3	84	0.00
85 T	sec-Butylbenzene	50.000	50.359	-0.7	83	0.00
86 T	p-Isopropyltoluene	50.000	50.551	-1.1	83	0.00
87 T	1,3-Dichlorobenzene	50.000	46.386	7.2	85	0.00
88 T	1,4-Dichlorobenzene	50.000	46.760	6.5	87	0.00
89 T	n-Butylbenzene	50.000	48.179	3.6	78	0.00
90 T	Hexachloroethane	50.000	47.390	5.2	83	0.00
91 T	1,2-Dichlorobenzene	50.000	47.099	5.8	85	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	49.718	0.6	93	0.00
93 T	1,2,4-Trichlorobenzene	50.000	45.468	9.1	83	0.00
94 T	Hexachlorobutadiene	50.000	41.974	16.1	80	0.00
95 T	Naphthalene	50.000	45.964	8.1	82	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	46.432	7.1	84	0.00

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