

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112723\
 Data File : VN080287.D
 Acq On : 27 Nov 2023 19:57
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Nov 28 02:11:33 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	92	0.00
2 T	Dichlorodifluoromethane	50.000	41.450	17.1	77	0.00
3 P	Chloromethane	50.000	40.550	18.9	77	0.00
4 C	Vinyl Chloride	50.000	43.009	14.0#	81	0.00
5 T	Bromomethane	50.000	41.222	17.6	81	0.00
6 T	Chloroethane	50.000	44.887	10.2	83	0.00
7 T	Trichlorofluoromethane	50.000	42.447	15.1	79	0.00
8 T	Diethyl Ether	50.000	43.742	12.5	82	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	42.879	14.2	81	0.00
10 T	Methyl Iodide	50.000	44.821	10.4	78	0.00
11 T	Tert butyl alcohol	250.000	242.492	3.0	90	0.00
12 CM	1,1-Dichloroethene	50.000	43.552	12.9#	82	0.00
13 T	Acrolein	250.000	258.558	-3.4	105	0.00
14 T	Allyl chloride	50.000	43.637	12.7	80	0.00
15 T	Acrylonitrile	250.000	229.337	8.3	87	0.00
16 T	Acetone	250.000	163.889	34.4#	70	0.00
17 T	Carbon Disulfide	50.000	36.900	26.2#	72	0.00
18 T	Methyl Acetate	50.000	44.890	10.2	91	0.00
19 T	Methyl tert-butyl Ether	50.000	46.469	7.1	85	0.00
20 T	Methylene Chloride	50.000	47.220	5.6	87	0.00
21 T	trans-1,2-Dichloroethene	50.000	42.574	14.9	81	0.00
22 T	Diisopropyl ether	50.000	46.249	7.5	85	0.00
23 T	Vinyl Acetate	250.000	256.705	-2.7	92	0.00
24 P	1,1-Dichloroethane	50.000	44.046	11.9	86	0.00
25 T	2-Butanone	250.000	196.859	21.3	79	0.00
26 T	2,2-Dichloropropane	50.000	40.518	19.0	75	0.00
27 T	cis-1,2-Dichloroethene	50.000	44.426	11.1	84	0.00
28 T	Bromochloromethane	50.000	46.722	6.6	93	0.00
29 T	Tetrahydrofuran	250.000	231.340	7.5	84	0.00
30 C	Chloroform	50.000	45.169	9.7#	85	0.00
31 T	Cyclohexane	50.000	38.309	23.4	74	0.00
32 T	1,1,1-Trichloroethane	50.000	44.631	10.7	83	0.00
33 S	1,2-Dichloroethane-d4	50.000	49.045	1.9	98	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	92	0.00
35 S	Dibromofluoromethane	50.000	52.749	-5.5	104	0.00
36 T	1,1-Dichloropropene	50.000	43.880	12.2	80	0.00
37 T	Ethyl Acetate	50.000	43.953	12.1	82	0.00
38 T	Carbon Tetrachloride	50.000	44.407	11.2	81	0.00
39 T	Methylcyclohexane	50.000	41.795	16.4	72	0.00
40 TM	Benzene	50.000	44.579	10.8	84	0.00
41 T	Methacrylonitrile	50.000	46.501	7.0	84	0.00
42 TM	1,2-Dichloroethane	50.000	45.658	8.7	84	0.00
43 T	Isopropyl Acetate	50.000	39.940	20.1	79	0.00
44 TM	Trichloroethene	50.000	44.619	10.8	84	0.00
45 C	1,2-Dichloropropane	50.000	45.966	8.1#	85	0.00
46 T	Dibromomethane	50.000	45.950	8.1	85	0.00
47 T	Bromodichloromethane	50.000	47.266	5.5	86	0.00
48 T	Methyl methacrylate	50.000	45.909	8.2	82	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	909.753	9.0	89	0.00
50 S	Toluene-d8	50.000	51.404	-2.8	97	0.00
51 T	4-Methyl-2-Pentanone	250.000	230.208	7.9	83	0.00
52 CM	Toluene	50.000	45.360	9.3#	82	0.00
53 T	t-1,3-Dichloropropene	50.000	45.144	9.7	80	0.00
54 T	cis-1,3-Dichloropropene	50.000	47.445	5.1	83	0.00
55 T	1,1,2-Trichloroethane	50.000	46.797	6.4	89	0.00
56 T	Ethyl methacrylate	50.000	49.045	1.9	81	0.00
57 T	1,3-Dichloropropane	50.000	46.072	7.9	85	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	246.081	1.6	93	0.00
59 T	2-Hexanone	250.000	213.023	14.8	80	0.00
60 T	Dibromochloromethane	50.000	48.058	3.9	87	0.00
61 T	1,2-Dibromoethane	50.000	45.849	8.3	85	0.00
62 S	4-Bromofluorobenzene	50.000	51.578	-3.2	98	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	94	0.00
64 T	Tetrachloroethene	50.000	52.400	-4.8	101	0.00
65 PM	Chlorobenzene	50.000	44.451	11.1	85	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	46.806	6.4	85	0.00
67 C	Ethyl Benzene	50.000	44.862	10.3#	82	0.00
68 T	m/p-Xylenes	100.000	92.019	8.0	83	0.00
69 T	o-Xylene	50.000	46.982	6.0	84	0.00
70 T	Styrene	50.000	47.579	4.8	84	0.00
71 P	Bromoform	50.000	46.406	7.2	87	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	95	0.00
73 T	Isopropylbenzene	50.000	45.561	8.9	83	0.00
74 T	N-amyl acetate	50.000	42.025	16.0	77	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	41.262	17.5	84	0.00
76 T	1,2,3-Trichloropropane	50.000	39.170	21.7	76	0.00
77 T	Bromobenzene	50.000	44.328	11.3	85	0.00
78 T	n-propylbenzene	50.000	44.723	10.6	81	0.00
79 T	2-Chlorotoluene	50.000	44.501	11.0	84	0.00
80 T	1,3,5-Trimethylbenzene	50.000	44.834	10.3	83	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	42.153	15.7	78	0.00
82 T	4-Chlorotoluene	50.000	44.531	10.9	84	0.00
83 T	tert-Butylbenzene	50.000	46.467	7.1	83	0.00
84 T	1,2,4-Trimethylbenzene	50.000	45.450	9.1	82	0.00
85 T	sec-Butylbenzene	50.000	45.242	9.5	81	0.00
86 T	p-Isopropyltoluene	50.000	46.666	6.7	82	0.00
87 T	1,3-Dichlorobenzene	50.000	42.934	14.1	85	0.00
88 T	1,4-Dichlorobenzene	50.000	42.196	15.6	84	0.00
89 T	n-Butylbenzene	50.000	44.122	11.8	77	0.00
90 T	Hexachloroethane	50.000	42.572	14.9	81	0.00
91 T	1,2-Dichlorobenzene	50.000	43.823	12.4	85	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	40.780	18.4	83	0.00
93 T	1,2,4-Trichlorobenzene	50.000	39.559	20.9	78	0.00
94 T	Hexachlorobutadiene	50.000	38.440	23.1	79	0.00
95 T	Naphthalene	50.000	38.724	22.6	75	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	40.275	19.5	78	0.00

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