

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042622\
 Data File : VN072205.D
 Acq On : 26 Apr 2022 17:38
 Operator : JC\MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN042622

Quant Time: Apr 27 06:30:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 26 18:50:11 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	101	0.00
2 T	Dichlorodifluoromethane	50.000	49.069	1.9	105	0.00
3 P	Chloromethane	50.000	49.378	1.2	105	0.00
4 C	Vinyl Chloride	50.000	45.999	8.0#	106	0.00
5 T	Bromomethane	50.000	53.113	-6.2	110	0.00
6 T	Chloroethane	50.000	47.319	5.4	89	0.00
7 T	Trichlorofluoromethane	50.000	45.672	8.7	104	0.00
8 T	Diethyl Ether	50.000	50.614	-1.2	105	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.074	3.9	107	0.00
10 T	Methyl Iodide	50.000	49.170	1.7	104	0.00
11 T	Tert butyl alcohol	250.000	250.843	-0.3	105	0.00
12 CM	1,1-Dichloroethene	50.000	49.001	2.0#	106	0.00
13 T	Acrolein	250.000	236.949	5.2	103	0.00
14 T	Allyl chloride	50.000	49.530	0.9	105	0.00
15 T	Acrylonitrile	250.000	248.086	0.8	103	0.00
16 T	Acetone	250.000	242.910	2.8	107	0.00
17 T	Carbon Disulfide	50.000	48.666	2.7	105	0.00
18 T	Methyl Acetate	50.000	49.053	1.9	104	0.00
19 T	Methyl tert-butyl Ether	50.000	51.372	-2.7	106	0.00
20 T	Methylene Chloride	50.000	45.792	8.4	105	0.01
21 T	trans-1,2-Dichloroethene	50.000	47.262	5.5	105	0.00
22 T	Diisopropyl ether	50.000	49.122	1.8	106	0.00
23 T	Vinyl Acetate	250.000	255.477	-2.2	105	0.00
24 P	1,1-Dichloroethane	50.000	47.422	5.2	104	0.00
25 T	2-Butanone	250.000	246.327	1.5	105	0.00
26 T	2,2-Dichloropropane	50.000	50.419	-0.8	108	0.00
27 T	cis-1,2-Dichloroethene	50.000	48.521	3.0	106	0.00
28 T	Bromochloromethane	50.000	48.393	3.2	100	0.00
29 T	Tetrahydrofuran	250.000	247.216	1.1	103	0.00
30 C	Chloroform	50.000	47.153	5.7#	106	0.00
31 T	Cyclohexane	50.000	45.338	9.3	104	0.00
32 T	1,1,1-Trichloroethane	50.000	48.737	2.5	105	0.00
33 S	1,2-Dichloroethane-d4	50.000	47.646	4.7	101	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	100	0.00
35 S	Dibromofluoromethane	50.000	49.985	0.0	103	0.00
36 T	1,1-Dichloropropene	50.000	50.229	-0.5	106	0.00
37 T	Ethyl Acetate	50.000	50.686	-1.4	107	0.00
38 T	Carbon Tetrachloride	50.000	48.372	3.3	106	0.00
39 T	Methylcyclohexane	50.000	51.915	-3.8	106	0.00
40 TM	Benzene	50.000	48.914	2.2	105	0.00
41 T	Methacrylonitrile	50.000	52.562	-5.1	105	0.00
42 TM	1,2-Dichloroethane	50.000	48.213	3.6	104	0.00
43 T	Isopropyl Acetate	50.000	48.306	3.4	104	0.00
44 TM	Trichloroethene	50.000	47.974	4.1	104	0.00
45 C	1,2-Dichloropropane	50.000	49.665	0.7#	106	0.00
46 T	Dibromomethane	50.000	50.335	-0.7	106	0.00
47 T	Bromodichloromethane	50.000	50.047	-0.1	104	0.00
48 T	Methyl methacrylate	50.000	55.803	-11.6	107	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	1047.541	-4.8	100	0.00
50 S	Toluene-d8	50.000	50.646	-1.3	102	0.00
51 T	4-Methyl-2-Pentanone	250.000	264.697	-5.9	104	0.00
52 CM	Toluene	50.000	52.128	-4.3#	105	0.00
53 T	t-1,3-Dichloropropene	50.000	54.570	-9.1	107	0.00
54 T	cis-1,3-Dichloropropene	50.000	54.707	-9.4	108	0.00
55 T	1,1,2-Trichloroethane	50.000	49.652	0.7	104	0.00
56 T	Ethyl methacrylate	50.000	48.878	2.2	107	0.00
57 T	1,3-Dichloropropane	50.000	50.075	-0.2	104	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	232.980	6.8	104	0.00
59 T	2-Hexanone	250.000	270.865	-8.3	104	0.00
60 T	Dibromochloromethane	50.000	51.473	-2.9	105	0.00
61 T	1,2-Dibromoethane	50.000	51.006	-2.0	106	0.00
62 S	4-Bromofluorobenzene	50.000	51.807	-3.6	101	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	98	0.00
64 T	Tetrachloroethene	50.000	49.248	1.5	105	0.00
65 PM	Chlorobenzene	50.000	50.143	-0.3	105	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.911	-1.8	104	0.00
67 C	Ethyl Benzene	50.000	54.356	-8.7#	105	0.00
68 T	m/p-Xylenes	100.000	106.758	-6.8	103	0.00
69 T	o-Xylene	50.000	55.539	-11.1	105	0.00
70 T	Styrene	50.000	56.792	-13.6	105	0.00
71 P	Bromoform	50.000	52.852	-5.7	105	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	97	0.00
73 T	Isopropylbenzene	50.000	52.509	-5.0	105	0.00
74 T	N-amyl acetate	50.000	55.140	-10.3	107	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	53.510	-7.0	105	0.00
76 T	1,2,3-Trichloropropane	50.000	59.693	-19.4	124	0.00
77 T	Bromobenzene	50.000	48.981	2.0	107	0.00
78 T	n-propylbenzene	50.000	53.550	-7.1	105	0.00
79 T	2-Chlorotoluene	50.000	50.801	-1.6	105	0.00
80 T	1,3,5-Trimethylbenzene	50.000	53.008	-6.0	106	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	55.219	-10.4	107	0.00
82 T	4-Chlorotoluene	50.000	52.356	-4.7	106	0.00
83 T	tert-Butylbenzene	50.000	52.320	-4.6	105	0.00
84 T	1,2,4-Trimethylbenzene	50.000	53.838	-7.7	105	0.00
85 T	sec-Butylbenzene	50.000	55.367	-10.7	108	0.00
86 T	p-Isopropyltoluene	50.000	56.317	-12.6	105	0.00
87 T	1,3-Dichlorobenzene	50.000	51.376	-2.8	104	0.00
88 T	1,4-Dichlorobenzene	50.000	51.694	-3.4	106	0.00
89 T	n-Butylbenzene	50.000	58.831	-17.7	106	0.00
90 T	Hexachloroethane	50.000	49.503	1.0	108	0.00
91 T	1,2-Dichlorobenzene	50.000	51.304	-2.6	106	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	49.988	0.0	103	0.00
93 T	1,2,4-Trichlorobenzene	50.000	51.107	-2.2	106	0.00
94 T	Hexachlorobutadiene	50.000	50.207	-0.4	108	0.00
95 T	Naphthalene	50.000	49.322	1.4	107	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	51.147	-2.3	109	0.00

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