

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031825\
 Data File : VN086003.D
 Acq On : 18 Mar 2025 16:49
 Operator : JC\MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICSVN031825

Quant Time: Mar 19 03:39:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 19 03:20:56 2025
 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	97	0.00
2 T	Dichlorodifluoromethane	50.000	56.232	-12.5	112	0.00
3 P	Chloromethane	50.000	52.508	-5.0	106	0.00
4 C	Vinyl Chloride	50.000	55.971	-11.9#	109	0.00
5 T	Bromomethane	50.000	51.574	-3.1	106	0.00
6 T	Chloroethane	50.000	51.154	-2.3	113	0.00
7 T	Trichlorofluoromethane	50.000	53.112	-6.2	112	0.00
8 T	Diethyl Ether	50.000	56.496	-13.0	110	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	52.975	-6.0	113	0.00
10 T	Methyl Iodide	50.000	56.682	-13.4	112	0.00
11 T	Tert butyl alcohol	250.000	238.378	4.6	95	-0.01
12 CM	1,1-Dichloroethene	50.000	57.321	-14.6#	110	0.00
13 T	Acrolein	250.000	272.978	-9.2	110	0.00
14 T	Allyl chloride	50.000	56.555	-13.1	114	0.00
15 T	Acrylonitrile	250.000	260.076	-4.0	104	0.00
16 T	Acetone	250.000	237.056	5.2	99	0.00
17 T	Carbon Disulfide	50.000	50.845	-1.7	110	0.00
18 T	Methyl Acetate	50.000	49.649	0.7	106	-0.01
19 T	Methyl tert-butyl Ether	50.000	58.538	-17.1	113	0.00
20 T	Methylene Chloride	50.000	53.440	-6.9	112	0.00
21 T	trans-1,2-Dichloroethene	50.000	55.586	-11.2	113	0.00
22 T	Diisopropyl ether	50.000	59.615	-19.2	114	0.00
23 T	Vinyl Acetate	250.000	295.428	-18.2	111	0.00
24 P	1,1-Dichloroethane	50.000	54.884	-9.8	112	0.00
25 T	2-Butanone	250.000	253.710	-1.5	102	0.00
26 T	2,2-Dichloropropane	50.000	55.667	-11.3	112	0.00
27 T	cis-1,2-Dichloroethene	50.000	57.158	-14.3	111	0.00
28 T	Bromochloromethane	50.000	43.664	12.7	92	0.00
29 T	Tetrahydrofuran	250.000	269.263	-7.7	100	0.00
30 C	Chloroform	50.000	54.394	-8.8#	115	0.00
31 T	Cyclohexane	50.000	54.721	-9.4	113	0.00
32 T	1,1,1-Trichloroethane	50.000	55.539	-11.1	114	0.00
33 S	1,2-Dichloroethane-d4	50.000	49.524	1.0	99	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	97	0.00
35 S	Dibromofluoromethane	50.000	48.666	2.7	98	0.00
36 T	1,1-Dichloropropene	50.000	57.540	-15.1	113	0.00
37 T	Ethyl Acetate	50.000	50.756	-1.5	104	0.00
38 T	Carbon Tetrachloride	50.000	56.517	-13.0	114	0.00
39 T	Methylcyclohexane	50.000	60.818	-21.6	113	0.00
40 TM	Benzene	50.000	56.869	-13.7	114	0.00
41 T	Methacrylonitrile	50.000	58.457	-16.9	109	0.00
42 TM	1,2-Dichloroethane	50.000	54.822	-9.6	112	0.00
43 T	Isopropyl Acetate	50.000	41.226	17.5	98	0.00
44 TM	Trichloroethene	50.000	53.255	-6.5	112	0.00
45 C	1,2-Dichloropropane	50.000	57.740	-15.5#	115	0.00
46 T	Dibromomethane	50.000	56.012	-12.0	115	0.00
47 T	Bromodichloromethane	50.000	55.753	-11.5	113	0.00
48 T	Methyl methacrylate	50.000	57.751	-15.5	107	0.00

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 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)

49 T	1,4-Dioxane	1000.000	1057.815	-5.8	98	0.00
50 S	Toluene-d8	50.000	51.736	-3.5	100	0.00
51 T	4-Methyl-2-Pentanone	250.000	278.467	-11.4	104	0.00
52 CM	Toluene	50.000	60.348	-20.7#	113	0.00
53 T	t-1,3-Dichloropropene	50.000	59.689	-19.4	112	0.00
54 T	cis-1,3-Dichloropropene	50.000	59.921	-19.8	113	0.00
55 T	1,1,2-Trichloroethane	50.000	56.064	-12.1	112	0.00
56 T	Ethyl methacrylate	50.000	55.208	-10.4	109	0.00
57 T	1,3-Dichloropropane	50.000	57.684	-15.4	113	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	306.978	-22.8	118	0.00
59 T	2-Hexanone	250.000	282.228	-12.9	104	0.00
60 T	Dibromochloromethane	50.000	57.477	-15.0	112	0.00
61 T	1,2-Dibromoethane	50.000	57.545	-15.1	110	0.00
62 S	4-Bromofluorobenzene	50.000	53.231	-6.5	100	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	99	0.00
64 T	Tetrachloroethene	50.000	52.844	-5.7	113	0.00
65 PM	Chlorobenzene	50.000	53.783	-7.6	113	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	54.515	-9.0	113	0.00
67 C	Ethyl Benzene	50.000	59.592	-19.2#	113	0.00
68 T	m/p-Xylenes	100.000	120.622	-20.6	114	0.00
69 T	o-Xylene	50.000	62.069	-24.1	114	0.00
70 T	Styrene	50.000	61.658	-23.3	113	0.00
71 P	Bromoform	50.000	53.714	-7.4	110	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	102	0.00
73 T	Isopropylbenzene	50.000	58.664	-17.3	113	0.00
74 T	N-ethyl acetate	50.000	56.839	-13.7	108	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	49.586	0.8	111	0.00
76 T	1,2,3-Trichloropropane	50.000	48.944	2.1	96	0.00
77 T	Bromobenzene	50.000	53.193	-6.4	113	0.00
78 T	n-propylbenzene	50.000	60.807	-21.6	114	0.00
79 T	2-Chlorotoluene	50.000	57.461	-14.9	115	0.00
80 T	1,3,5-Trimethylbenzene	50.000	60.712	-21.4	114	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	57.589	-15.2	120	0.00
82 T	4-Chlorotoluene	50.000	56.898	-13.8	114	0.00
83 T	tert-Butylbenzene	50.000	58.608	-17.2	116	0.00
84 T	1,2,4-Trimethylbenzene	50.000	61.674	-23.3	117	0.00
85 T	sec-Butylbenzene	50.000	62.874	-25.7#	117	0.00
86 T	p-Isopropyltoluene	50.000	63.821	-27.6#	117	0.00
87 T	1,3-Dichlorobenzene	50.000	55.423	-10.8	115	0.00
88 T	1,4-Dichlorobenzene	50.000	51.782	-3.6	114	0.00
89 T	n-Butylbenzene	50.000	63.272	-26.5#	118	0.00
90 T	Hexachloroethane	50.000	52.727	-5.5	116	0.00
91 T	1,2-Dichlorobenzene	50.000	53.019	-6.0	115	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	51.293	-2.6	109	0.00
93 T	1,2,4-Trichlorobenzene	50.000	54.700	-9.4	112	0.00
94 T	Hexachlorobutadiene	50.000	50.380	-0.8	115	0.00
95 T	Naphthalene	50.000	54.297	-8.6	105	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	55.887	-11.8	112	0.00

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