

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\WX022825\
 Data File : VX045077.D
 Acq On : 28 Feb 2025 10:32
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Feb 28 14:27:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 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	108	-0.01
2 T	Dichlorodifluoromethane	50.000	50.185	-0.4	109	0.00
3 P	Chloromethane	50.000	48.123	3.8	107	0.00
4 C	Vinyl Chloride	50.000	47.712	4.6#	104	0.00
5 T	Bromomethane	50.000	46.959	6.1	105	0.00
6 T	Chloroethane	50.000	40.092	19.8	82	0.00
7 T	Trichlorofluoromethane	50.000	49.383	1.2	103	0.00
8 T	Diethyl Ether	50.000	45.828	8.3	102	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	51.199	-2.4	109	0.00
10 T	Methyl Iodide	50.000	46.970	6.1	96	0.00
11 T	Tert butyl alcohol	250.000	211.016	15.6	103	0.01
12 CM	1,1-Dichloroethene	50.000	47.513	5.0#	102	0.00
13 T	Acrolein	250.000	260.033	-4.0	113	0.00
14 T	Allyl chloride	50.000	49.523	1.0	106	0.00
15 T	Acrylonitrile	250.000	224.925	10.0	96	0.00
16 T	Acetone	250.000	211.319	15.5	96	0.00
17 T	Carbon Disulfide	50.000	48.016	4.0	103	0.00
18 T	Methyl Acetate	50.000	44.725	10.5	99	0.00
19 T	Methyl tert-butyl Ether	50.000	46.929	6.1	101	0.00
20 T	Methylene Chloride	50.000	45.613	8.8	104	0.00
21 T	trans-1,2-Dichloroethene	50.000	48.249	3.5	101	0.00
22 T	Diisopropyl ether	50.000	48.301	3.4	102	0.00
23 T	Vinyl Acetate	250.000	251.185	-0.5	103	0.00
24 P	1,1-Dichloroethane	50.000	46.825	6.3	102	0.00
25 T	2-Butanone	250.000	230.258	7.9	96	0.00
26 T	2,2-Dichloropropane	50.000	72.639	-45.3#	154	0.00
27 T	cis-1,2-Dichloroethene	50.000	47.500	5.0	101	0.00
28 T	Bromochloromethane	50.000	46.457	7.1	99	0.00
29 T	Tetrahydrofuran	250.000	224.369	10.3	97	0.00
30 C	Chloroform	50.000	46.017	8.0#	99	0.00
31 T	Cyclohexane	50.000	49.820	0.4	106	0.00
32 T	1,1,1-Trichloroethane	50.000	47.389	5.2	100	0.00
33 S	1,2-Dichloroethane-d4	50.000	46.113	7.8	105	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	105	0.00
35 S	Dibromofluoromethane	50.000	49.532	0.9	106	-0.01
36 T	1,1-Dichloropropene	50.000	49.241	1.5	102	0.00
37 T	Ethyl Acetate	50.000	47.651	4.7	98	0.00
38 T	Carbon Tetrachloride	50.000	49.318	1.4	104	0.00
39 T	Methylcyclohexane	50.000	56.161	-12.3	111	0.00
40 TM	Benzene	50.000	49.480	1.0	101	0.00
41 T	Methacrylonitrile	50.000	48.126	3.7	95	0.00
42 TM	1,2-Dichloroethane	50.000	47.405	5.2	99	0.00
43 T	Isopropyl Acetate	50.000	50.139	-0.3	99	0.00
44 TM	Trichloroethene	50.000	48.221	3.6	101	0.00
45 C	1,2-Dichloropropane	50.000	48.028	3.9#	102	0.00
46 T	Dibromomethane	50.000	49.300	1.4	102	0.00
47 T	Bromodichloromethane	50.000	49.243	1.5	102	0.00
48 T	Methyl methacrylate	50.000	50.032	-0.1	100	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	912.798	8.7	95	0.00
50 S	Toluene-d8	50.000	49.853	0.3	105	0.00
51 T	4-Methyl-2-Pentanone	250.000	240.651	3.7	98	0.00
52 CM	Toluene	50.000	51.187	-2.4#	102	0.00
53 T	t-1,3-Dichloropropene	50.000	55.975	-12.0	109	0.00
54 T	cis-1,3-Dichloropropene	50.000	54.755	-9.5	109	0.00
55 T	1,1,2-Trichloroethane	50.000	47.245	5.5	98	0.00
56 T	Ethyl methacrylate	50.000	51.537	-3.1	101	0.00
57 T	1,3-Dichloropropane	50.000	48.576	2.8	100	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	268.530	-7.4	103	0.00
59 T	2-Hexanone	250.000	241.811	3.3	97	0.00
60 T	Dibromochloromethane	50.000	50.220	-0.4	101	0.00
61 T	1,2-Dibromoethane	50.000	48.992	2.0	101	0.00
62 S	4-Bromofluorobenzene	50.000	50.332	-0.7	106	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	106	0.00
64 T	Tetrachloroethene	50.000	49.741	0.5	105	0.00
65 PM	Chlorobenzene	50.000	49.093	1.8	101	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	48.762	2.5	103	0.00
67 C	Ethyl Benzene	50.000	50.959	-1.9#	102	0.00
68 T	m/p-Xylenes	100.000	102.789	-2.8	102	0.00
69 T	o-Xylene	50.000	50.318	-0.6	103	0.00
70 T	Styrene	50.000	51.891	-3.8	103	0.00
71 P	Bromoform	50.000	50.513	-1.0	103	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	107	0.00
73 T	Isopropylbenzene	50.000	50.901	-1.8	103	0.00
74 T	N-ethyl acetate	50.000	51.942	-3.9	103	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	46.579	6.8	101	0.00
76 T	1,2,3-Trichloropropane	50.000	46.931	6.1	102	0.00
77 T	Bromobenzene	50.000	49.698	0.6	104	0.00
78 T	n-propylbenzene	50.000	52.644	-5.3	103	0.00
79 T	2-Chlorotoluene	50.000	48.935	2.1	103	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.381	-2.8	103	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	54.791	-9.6	118	0.00
82 T	4-Chlorotoluene	50.000	50.324	-0.6	102	0.00
83 T	tert-Butylbenzene	50.000	50.405	-0.8	104	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.398	-2.8	103	0.00
85 T	sec-Butylbenzene	50.000	53.135	-6.3	105	0.00
86 T	p-Isopropyltoluene	50.000	53.578	-7.2	105	0.00
87 T	1,3-Dichlorobenzene	50.000	50.525	-1.0	107	0.00
88 T	1,4-Dichlorobenzene	50.000	49.736	0.5	105	0.00
89 T	n-Butylbenzene	50.000	56.931	-13.9	109	0.00
90 T	Hexachloroethane	50.000	51.547	-3.1	104	0.00
91 T	1,2-Dichlorobenzene	50.000	50.134	-0.3	106	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	48.248	3.5	100	0.00
93 T	1,2,4-Trichlorobenzene	50.000	54.961	-9.9	109	0.00
94 T	Hexachlorobutadiene	50.000	52.406	-4.8	110	0.00
95 T	Naphthalene	50.000	52.367	-4.7	104	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	52.796	-5.6	106	0.00

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