

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX031225\  
 Data File : VX045255.D  
 Acq On : 12 Mar 2025 17:41  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 LabSampleID :  
 VSTDCCC050

Quant Time: Mar 13 01:45:18 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	90	0.00
2 T	Dichlorodifluoromethane	50.000	48.987	2.0	89	0.00
3 P	Chloromethane	50.000	46.512	7.0	86	0.00
4 C	Vinyl Chloride	50.000	44.851	10.3#	82	0.00
5 T	Bromomethane	50.000	50.415	-0.8	94	0.00
6 T	Chloroethane	50.000	53.667	-7.3	92	0.00
7 T	Trichlorofluoromethane	50.000	50.572	-1.1	88	0.00
8 T	Diethyl Ether	50.000	46.150	7.7	85	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	54.554	-9.1	97	0.00
10 T	Methyl Iodide	50.000	55.048	-10.1	94	0.00
11 T	Tert butyl alcohol	250.000	207.664	16.9	85	0.00
12 CM	1,1-Dichloroethene	50.000	50.035	-0.1#	89	0.00
13 T	Acrolein	250.000	248.962	0.4	90	0.00
14 T	Allyl chloride	50.000	54.292	-8.6	97	0.00
15 T	Acrylonitrile	250.000	267.331	-6.9	95	0.00
16 T	Acetone	250.000	259.217	-3.7	98	0.00
17 T	Carbon Disulfide	50.000	43.523	13.0	78	0.00
18 T	Methyl Acetate	50.000	59.434	-18.9	110	0.00
19 T	Methyl tert-butyl Ether	50.000	51.613	-3.2	92	0.00
20 T	Methylene Chloride	50.000	50.063	-0.1	95	0.00
21 T	trans-1,2-Dichloroethene	50.000	50.727	-1.5	88	0.00
22 T	Diisopropyl ether	50.000	52.928	-5.9	93	0.00
23 T	Vinyl Acetate	250.000	264.740	-5.9	90	0.00
24 P	1,1-Dichloroethane	50.000	51.997	-4.0	94	0.00
25 T	2-Butanone	250.000	270.527	-8.2	94	0.00
26 T	2,2-Dichloropropane	50.000	72.241	-44.5#	128	0.00
27 T	cis-1,2-Dichloroethene	50.000	51.364	-2.7	91	0.00
28 T	Bromochloromethane	50.000	49.953	0.1	89	0.00
29 T	Tetrahydrofuran	250.000	254.157	-1.7	92	0.00
30 C	Chloroform	50.000	52.001	-4.0#	94	0.00
31 T	Cyclohexane	50.000	50.579	-1.2	89	0.00
32 T	1,1,1-Trichloroethane	50.000	52.647	-5.3	93	0.00
33 S	1,2-Dichloroethane-d4	50.000	53.514	-7.0	102	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	88	0.00
35 S	Dibromofluoromethane	50.000	54.749	-9.5	98	0.00
36 T	1,1-Dichloropropene	50.000	52.005	-4.0	90	0.00
37 T	Ethyl Acetate	50.000	52.776	-5.6	91	0.00
38 T	Carbon Tetrachloride	50.000	52.683	-5.4	93	0.00
39 T	Methylcyclohexane	50.000	55.091	-10.2	91	0.00
40 TM	Benzene	50.000	52.525	-5.0	90	0.00
41 T	Methacrylonitrile	50.000	56.668	-13.3	94	0.00
42 TM	1,2-Dichloroethane	50.000	55.241	-10.5	96	0.00
43 T	Isopropyl Acetate	50.000	55.386	-10.8	92	0.00
44 TM	Trichloroethene	50.000	51.820	-3.6	91	0.00
45 C	1,2-Dichloropropane	50.000	51.601	-3.2#	91	0.00
46 T	Dibromomethane	50.000	54.467	-8.9	94	0.00
47 T	Bromodichloromethane	50.000	55.411	-10.8	96	0.00
48 T	Methyl methacrylate	50.000	55.963	-11.9	94	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	877.723	12.2	76	0.00
50 S	Toluene-d8	50.000	53.489	-7.0	95	0.00
51 T	4-Methyl-2-Pentanone	250.000	282.851	-13.1	96	0.00
52 CM	Toluene	50.000	54.592	-9.2#	91	0.00
53 T	t-1,3-Dichloropropene	50.000	57.801	-15.6	94	0.00
54 T	cis-1,3-Dichloropropene	50.000	57.608	-15.2	96	0.00
55 T	1,1,2-Trichloroethane	50.000	54.326	-8.7	94	0.00
56 T	Ethyl methacrylate	50.000	56.827	-13.7	94	0.00
57 T	1,3-Dichloropropane	50.000	54.666	-9.3	94	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	302.223	-20.9	97	0.00
59 T	2-Hexanone	250.000	282.068	-12.8	95	0.00
60 T	Dibromochloromethane	50.000	56.067	-12.1	94	0.00
61 T	1,2-Dibromoethane	50.000	54.317	-8.6	94	0.00
62 S	4-Bromofluorobenzene	50.000	57.417	-14.8	101	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	90	0.00
64 T	Tetrachloroethene	50.000	51.818	-3.6	93	0.00
65 PM	Chlorobenzene	50.000	52.346	-4.7	92	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	52.349	-4.7	94	0.00
67 C	Ethyl Benzene	50.000	54.454	-8.9#	93	0.00
68 T	m/p-Xylenes	100.000	109.706	-9.7	92	0.00
69 T	o-Xylene	50.000	54.430	-8.9	95	0.00
70 T	Styrene	50.000	55.697	-11.4	94	0.00
71 P	Bromoform	50.000	53.386	-6.8	93	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	90	0.00
73 T	Isopropylbenzene	50.000	56.246	-12.5	96	0.00
74 T	N-amyl acetate	50.000	56.043	-12.1	94	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	51.034	-2.1	93	0.00
76 T	1,2,3-Trichloropropane	50.000	52.952	-5.9	97	0.00
77 T	Bromobenzene	50.000	53.528	-7.1	95	0.00
78 T	n-propylbenzene	50.000	57.903	-15.8	96	0.00
79 T	2-Chlorotoluene	50.000	53.629	-7.3	95	0.00
80 T	1,3,5-Trimethylbenzene	50.000	56.011	-12.0	94	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	55.696	-11.4	101	0.00
82 T	4-Chlorotoluene	50.000	55.942	-11.9	95	0.00
83 T	tert-Butylbenzene	50.000	55.084	-10.2	95	0.00
84 T	1,2,4-Trimethylbenzene	50.000	55.915	-11.8	95	0.00
85 T	sec-Butylbenzene	50.000	58.061	-16.1	96	0.00
86 T	p-Isopropyltoluene	50.000	57.285	-14.6	95	0.00
87 T	1,3-Dichlorobenzene	50.000	53.552	-7.1	95	0.00
88 T	1,4-Dichlorobenzene	50.000	52.597	-5.2	93	0.00
89 T	n-Butylbenzene	50.000	60.015	-20.0	97	0.00
90 T	Hexachloroethane	50.000	54.530	-9.1	92	0.00
91 T	1,2-Dichlorobenzene	50.000	52.805	-5.6	94	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	54.028	-8.1	94	0.00
93 T	1,2,4-Trichlorobenzene	50.000	54.341	-8.7	91	0.00
94 T	Hexachlorobutadiene	50.000	53.298	-6.6	94	0.00
95 T	Naphthalene	50.000	53.582	-7.2	89	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)
96 T 1,2,3-Trichlorobenzene	50.000	52.474	-4.9	88	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 6