

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX032625\  
 Data File : VX045470.D  
 Acq On : 26 Mar 2025 15:35  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 LabSampleId :  
 VSTDCCC050

Quant Time: Mar 27 01:41:13 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	82	0.00
2 T	Dichlorodifluoromethane	50.000	67.203	-34.4#	110	0.00
3 P	Chloromethane	50.000	51.295	-2.6	86	0.00
4 C	Vinyl Chloride	50.000	50.085	-0.2#	82	0.00
5 T	Bromomethane	50.000	59.795	-19.6	100	0.00
6 T	Chloroethane	50.000	59.207	-18.4	92	0.00
7 T	Trichlorofluoromethane	50.000	57.834	-15.7	91	0.00
8 T	Diethyl Ether	50.000	48.523	3.0	81	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	64.996	-30.0#	104	0.00
10 T	Methyl Iodide	50.000	58.957	-17.9	91	0.00
11 T	Tert butyl alcohol	250.000	204.206	18.3	75	-0.01
12 CM	1,1-Dichloroethene	50.000	56.703	-13.4#	91	0.00
13 T	Acrolein	250.000	280.996	-12.4	92	0.00
14 T	Allyl chloride	50.000	58.910	-17.8	95	0.00
15 T	Acrylonitrile	250.000	264.982	-6.0	85	0.00
16 T	Acetone	250.000	296.871	-18.7	102	0.00
17 T	Carbon Disulfide	50.000	53.198	-6.4	86	0.00
18 T	Methyl Acetate	50.000	50.607	-1.2	85	0.00
19 T	Methyl tert-butyl Ether	50.000	55.989	-12.0	91	0.00
20 T	Methylene Chloride	50.000	53.346	-6.7	91	0.00
21 T	trans-1,2-Dichloroethene	50.000	57.147	-14.3	90	0.00
22 T	Diisopropyl ether	50.000	56.422	-12.8	89	0.00
23 T	Vinyl Acetate	250.000	306.481	-22.6	94	0.00
24 P	1,1-Dichloroethane	50.000	55.973	-11.9	92	0.00
25 T	2-Butanone	250.000	279.291	-11.7	88	-0.01
26 T	2,2-Dichloropropane	50.000	88.603	-77.2#	142	0.00
27 T	cis-1,2-Dichloroethene	50.000	55.363	-10.7	89	0.00
28 T	Bromochloromethane	50.000	50.597	-1.2	81	-0.01
29 T	Tetrahydrofuran	250.000	257.649	-3.1	84	-0.01
30 C	Chloroform	50.000	57.224	-14.4#	93	0.00
31 T	Cyclohexane	50.000	58.253	-16.5	93	0.00
32 T	1,1,1-Trichloroethane	50.000	60.650	-21.3	97	0.00
33 S	1,2-Dichloroethane-d4	50.000	49.135	1.7	84	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	78	0.00
35 S	Dibromofluoromethane	50.000	50.029	-0.1	79	0.00
36 T	1,1-Dichloropropene	50.000	60.949	-21.9	93	0.00
37 T	Ethyl Acetate	50.000	57.775	-15.5	87	0.00
38 T	Carbon Tetrachloride	50.000	64.575	-29.2#	100	0.00
39 T	Methylcyclohexane	50.000	67.014	-34.0#	98	0.00
40 TM	Benzene	50.000	58.506	-17.0	88	0.00
41 T	Methacrylonitrile	50.000	60.156	-20.3	88	-0.01
42 TM	1,2-Dichloroethane	50.000	65.005	-30.0#	100	0.00
43 T	Isopropyl Acetate	50.000	61.276	-22.6	89	-0.01
44 TM	Trichloroethene	50.000	57.714	-15.4	89	0.00
45 C	1,2-Dichloropropane	50.000	57.950	-15.9#	90	0.00
46 T	Dibromomethane	50.000	60.735	-21.5	92	0.00
47 T	Bromodichloromethane	50.000	61.857	-23.7	94	0.00
48 T	Methyl methacrylate	50.000	62.623	-25.2#	92	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	929.442	7.1	71	0.00
50 S	Toluene-d8	50.000	46.211	7.6	72	0.00
51 T	4-Methyl-2-Pentanone	250.000	295.634	-18.3	88	0.00
52 CM	Toluene	50.000	60.468	-20.9#	89	0.00
53 T	t-1,3-Dichloropropene	50.000	67.431	-34.9#	96	0.00
54 T	cis-1,3-Dichloropropene	50.000	66.080	-32.2#	96	0.00
55 T	1,1,2-Trichloroethane	50.000	57.001	-14.0	87	0.00
56 T	Ethyl methacrylate	50.000	62.321	-24.6	90	0.00
57 T	1,3-Dichloropropane	50.000	58.517	-17.0	89	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	309.665	-23.9	88	0.00
59 T	2-Hexanone	250.000	300.058	-20.0	88	0.00
60 T	Dibromochloromethane	50.000	61.881	-23.8	91	0.00
61 T	1,2-Dibromoethane	50.000	59.203	-18.4	90	0.00
62 S	4-Bromofluorobenzene	50.000	51.714	-3.4	80	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	78	0.00
64 T	Tetrachloroethene	50.000	61.975	-24.0	95	0.00
65 PM	Chlorobenzene	50.000	58.675	-17.3	89	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	59.666	-19.3	92	0.00
67 C	Ethyl Benzene	50.000	61.556	-23.1#	91	0.00
68 T	m/p-Xylenes	100.000	123.563	-23.6	90	0.00
69 T	o-Xylene	50.000	59.282	-18.6	89	0.00
70 T	Styrene	50.000	62.523	-25.0#	91	0.00
71 P	Bromoform	50.000	60.576	-21.2	91	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	81	0.00
73 T	Isopropylbenzene	50.000	61.143	-22.3	94	0.00
74 T	N-amyl acetate	50.000	61.124	-22.2	92	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	53.116	-6.2	87	0.00
76 T	1,2,3-Trichloropropane	50.000	56.934	-13.9	94	0.00
77 T	Bromobenzene	50.000	56.145	-12.3	89	0.00
78 T	n-propylbenzene	50.000	63.648	-27.3#	95	0.00
79 T	2-Chlorotoluene	50.000	58.698	-17.4	93	0.00
80 T	1,3,5-Trimethylbenzene	50.000	61.682	-23.4	93	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	59.684	-19.4	97	0.00
82 T	4-Chlorotoluene	50.000	61.848	-23.7	95	0.00
83 T	tert-Butylbenzene	50.000	59.370	-18.7	93	0.00
84 T	1,2,4-Trimethylbenzene	50.000	61.068	-22.1	93	0.00
85 T	sec-Butylbenzene	50.000	62.814	-25.6#	94	0.00
86 T	p-Isopropyltoluene	50.000	63.515	-27.0#	94	0.00
87 T	1,3-Dichlorobenzene	50.000	57.014	-14.0	91	0.00
88 T	1,4-Dichlorobenzene	50.000	56.594	-13.2	90	0.00
89 T	n-Butylbenzene	50.000	66.812	-33.6#	97	0.00
90 T	Hexachloroethane	50.000	60.711	-21.4	92	0.00
91 T	1,2-Dichlorobenzene	50.000	55.113	-10.2	88	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	59.027	-18.1	92	0.00
93 T	1,2,4-Trichlorobenzene	50.000	58.168	-16.3	88	0.00
94 T	Hexachlorobutadiene	50.000	60.796	-21.6	97	0.00
95 T	Naphthalene	50.000	54.873	-9.7	82	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	55.317	-10.6	84	0.00

(#) = Out of Range

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