

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX120425\  
 Data File : VX048721.D  
 Acq On : 04 Dec 2025 14:04  
 Operator : JC/MD  
 Sample : VSTDICV050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 ICVVX120425

Quant Time: Dec 05 03:31:44 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X120425W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Dec 05 03:27:34 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	99	0.00
2 T	Dichlorodifluoromethane	50.000	58.738	-17.5	104	0.00
3 P	Chloromethane	50.000	48.826	2.3	97	0.00
4 C	Vinyl Chloride	50.000	48.559	2.9#	93	0.00
5 T	Bromomethane	50.000	54.893	-9.8	99	0.00
6 T	Chloroethane	50.000	48.675	2.7	97	0.00
7 T	Trichlorofluoromethane	50.000	48.801	2.4	92	0.00
8 T	Diethyl Ether	50.000	48.151	3.7	98	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	45.717	8.6	87	0.00
10 T	Methyl Iodide	50.000	50.395	-0.8	94	0.00
11 T	Tert butyl alcohol	250.000	250.243	-0.1	94	0.00
12 CM	1,1-Dichloroethene	50.000	46.649	6.7#	89	0.00
13 T	Acrolein	250.000	232.010	7.2	111	0.00
14 T	Allyl chloride	50.000	42.572	14.9	77	0.00
15 T	Acrylonitrile	250.000	226.688	9.3	83	0.00
16 T	Acetone	250.000	204.537	18.2	85	0.00
17 T	Carbon Disulfide	50.000	41.077	17.8	77	0.00
18 T	Methyl Acetate	50.000	44.401	11.2	82	0.00
19 T	Methyl tert-butyl Ether	50.000	45.629	8.7	86	0.00
20 T	Methylene Chloride	50.000	47.622	4.8	93	0.00
21 T	trans-1,2-Dichloroethene	50.000	44.308	11.4	83	0.00
22 T	Diisopropyl ether	50.000	50.527	-1.1	116	0.00
23 T	Vinyl Acetate	250.000	276.044	-10.4	121	0.00
24 P	1,1-Dichloroethane	50.000	52.811	-5.6	117	0.00
25 T	2-Butanone	250.000	244.061	2.4	109	0.00
26 T	2,2-Dichloropropane	50.000	45.857	8.3	98	0.00
27 T	cis-1,2-Dichloroethene	50.000	48.033	3.9	101	0.00
28 T	Bromochloromethane	50.000	45.040	9.9	107	0.00
29 T	Tetrahydrofuran	250.000	277.876	-11.2	129	0.00
30 C	Chloroform	50.000	52.061	-4.1#	115	0.00
31 T	Cyclohexane	50.000	49.171	1.7	111	0.00
32 T	1,1,1-Trichloroethane	50.000	50.071	-0.1	106	0.00
33 S	1,2-Dichloroethane-d4	50.000	54.154	-8.3	125	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	107	0.00
35 S	Dibromofluoromethane	50.000	49.960	0.1	110	0.00
36 T	1,1-Dichloropropene	50.000	47.458	5.1	110	0.00
37 T	Ethyl Acetate	50.000	46.283	7.4	104	0.00
38 T	Carbon Tetrachloride	50.000	47.169	5.7	102	0.00
39 T	Methylcyclohexane	50.000	42.440	15.1	79	0.00
40 TM	Benzene	50.000	50.374	-0.7	114	0.00
41 T	Methacrylonitrile	50.000	48.603	2.8	110	0.00
42 TM	1,2-Dichloroethane	50.000	51.045	-2.1	120	0.00
43 T	Isopropyl Acetate	50.000	53.729	-7.5	130	0.00
44 TM	Trichloroethene	50.000	45.250	9.5	97	0.00
45 C	1,2-Dichloropropane	50.000	42.935	14.1#	84	0.00
46 T	Dibromomethane	50.000	43.757	12.5	86	0.00
47 T	Bromodichloromethane	50.000	42.902	14.2	87	0.00
48 T	Methyl methacrylate	50.000	42.366	15.3	84	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	985.778	1.4	99	0.00
50 S	Toluene-d8	50.000	44.544	10.9	88	0.00
51 T	4-Methyl-2-Pentanone	250.000	220.496	11.8	83	0.00
52 CM	Toluene	50.000	46.077	7.8#	86	0.00
53 T	t-1,3-Dichloropropene	50.000	46.514	7.0	87	0.00
54 T	cis-1,3-Dichloropropene	50.000	45.699	8.6	86	0.00
55 T	1,1,2-Trichloroethane	50.000	45.811	8.4	88	0.00
56 T	Ethyl methacrylate	50.000	48.247	3.5	88	0.00
57 T	1,3-Dichloropropane	50.000	45.415	9.2	88	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	242.598	3.0	87	0.00
59 T	2-Hexanone	250.000	237.637	4.9	86	0.00
60 T	Dibromochloromethane	50.000	47.409	5.2	91	0.00
61 T	1,2-Dibromoethane	50.000	46.076	7.8	88	0.00
62 S	4-Bromofluorobenzene	50.000	49.905	0.2	97	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	91	0.00
64 T	Tetrachloroethene	50.000	45.571	8.9	86	0.00
65 PM	Chlorobenzene	50.000	48.287	3.4	88	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.615	0.8	93	0.00
67 C	Ethyl Benzene	50.000	50.069	-0.1#	86	0.00
68 T	m/p-Xylenes	100.000	103.051	-3.1	91	0.00
69 T	o-Xylene	50.000	51.580	-3.2	90	0.00
70 T	Styrene	50.000	51.437	-2.9	90	0.00
71 P	Bromoform	50.000	51.388	-2.8	100	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	97	0.00
73 T	Isopropylbenzene	50.000	53.483	-7.0	96	0.00
74 T	N-amyl acetate	50.000	58.895	-17.8	96	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	53.282	-6.6	100	0.00
76 T	1,2,3-Trichloropropane	50.000	53.497	-7.0	101	0.00
77 T	Bromobenzene	50.000	50.357	-0.7	99	0.00
78 T	n-propylbenzene	50.000	52.425	-4.8	92	0.00
79 T	2-Chlorotoluene	50.000	51.501	-3.0	94	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.894	-3.8	95	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	53.840	-7.7	99	0.00
82 T	4-Chlorotoluene	50.000	52.505	-5.0	95	0.00
83 T	tert-Butylbenzene	50.000	50.138	-0.3	93	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.592	-3.2	94	0.00
85 T	sec-Butylbenzene	50.000	50.606	-1.2	91	0.00
86 T	p-Isopropyltoluene	50.000	50.326	-0.7	92	0.00
87 T	1,3-Dichlorobenzene	50.000	49.048	1.9	96	0.00
88 T	1,4-Dichlorobenzene	50.000	47.783	4.4	96	0.00
89 T	n-Butylbenzene	50.000	50.745	-1.5	93	0.00
90 T	Hexachloroethane	50.000	46.926	6.1	93	0.00
91 T	1,2-Dichlorobenzene	50.000	48.097	3.8	95	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	50.715	-1.4	102	0.00
93 T	1,2,4-Trichlorobenzene	50.000	46.996	6.0	97	0.00
94 T	Hexachlorobutadiene	50.000	45.101	9.8	97	0.00
95 T	Naphthalene	50.000	55.628	-11.3	105	0.00

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Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T 1,2,3-Trichlorobenzene	50.000	49.386	1.2	101	0.00

(#) = Out of Range

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